D-Link®

Version 1.00 | 11/26/2013

User Manual

HD PoE Mini Dome Network Camera

DCS-6004L

Preface

D-Link reserves the right to revise this publication and to make changes in the content hereof without obligation to notify any person or organization of such revisions or changes. Information in this document may become obsolete as our services and websites develop and change. Please refer to the www.mydlink.com website for the most current information.

Manual Revisions

Revision	Date	Description
1.0	October 25, 2013	DCS-6004L Revision A1 with firmware version 1.00

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Product Overview

Package Contents

DCS-6004L HD PoE Mini Dome Network Camera

CAT5 Ethernet Cable

Power Adapter

Camera Accessories (Audio extension cable, female Ethernet connector, and mounting alignment guide)

CD-ROM with User Manual and Software

Quick Installation Guide

If any of the above items are missing, please contact your reseller.

Note: Using a power supply with a different voltage than the one included with your product will cause damage and void the warranty for this product.

Introduction

Congratulations on your purchase of the DCS-6004L HD PoE Mini Dome Network Camera. The DCS-6004L is a versatile and unique solution for your small office or home. Unlike a standard webcam, the DCS-6004L is a complete system with a built-in CPU and web server that transmits high quality video images for security and surveillance. The DCS-6004L can be accessed remotely, and controlled from any PC/Notebook over your local network or through the Internet via a web browser.

System Requirements

- Computer with Microsoft Windows® 8/7/Vista/XP, or Mac with OS X 10.6 or higher
- PC with 1.3GHz or above; at least 128MB RAM
- Internet Explorer 7, Firefox 12, Safari 4, or Chrome 20 or higher version with Java installed and enabled
- Existing 10/100 Ethernet-based network
- A MicroSD memory card (optional) is required for recording to onboard storage. SDHC Class 6 or above is recommended.
- Broadband Internet connection

Features

Simple to Use
The DCS-6004L is a stand-alone system with a built-in CPU, requiring no special hardware or software. The DCS-6004L supports both ActiveX mode for Internet Explorer and Java mode for other browsers such as Chrome®, Firefox®, and Safari®.

Supports a Variety of Platforms
Supporting TCP/IP networking, HTTP, and other Internet related protocols. The DCS-6004L can also be integrated easily into other network applications because of its standards-based features.

Ethernet/Fast Ethernet Support
The DCS-6004L offers Power over Ethernet/Fast Ethernet connectivity, making the DCS-6004L easy to integrate into your existing network environment. The DCS-6004L works with 10Mbps Ethernet networks or 100Mbps Fast Ethernet networks for traditional wired environments, and access points for added flexibility. The Site Survey feature also allows you to view and connect to any available wireless networks.

Web Configuration
Using a standard Web browser, administrators can configure and manage the Network Camera directly from its own Web page via Intranet or Internet. This means you can access your DCS-6004L anytime, anywhere in the world.

Broad Range of Applications
With today's high-speed Internet services, the Network Camera can provide the ideal solution for delivering live video images over the Intranet and Internet for remote monitoring. The Network Camera allows remote access using a Web browser for live image viewing, and allows the administrator to manage and control the Network Camera anytime, anywhere in the world. Many applications exist, including industrial and public monitoring of homes, offices, banks, hospitals, child-care centers, and amusement parks.

Remote Monitoring Utility
The D-ViewCam application adds enhanced features and functionality for the Network Camera and allows administrators to configure and access the Network Camera from a remote site via Intranet or Internet. Other features include image monitoring, recording images to a hard drive, viewing up to 32 cameras on one screen, and taking snapshots.

IR LED for Day and Night Functionality
The built-in infrared LEDs enables night time viewing of up to 16 feet (5 meters).

Hardware Overview

Front

DCS-6004L

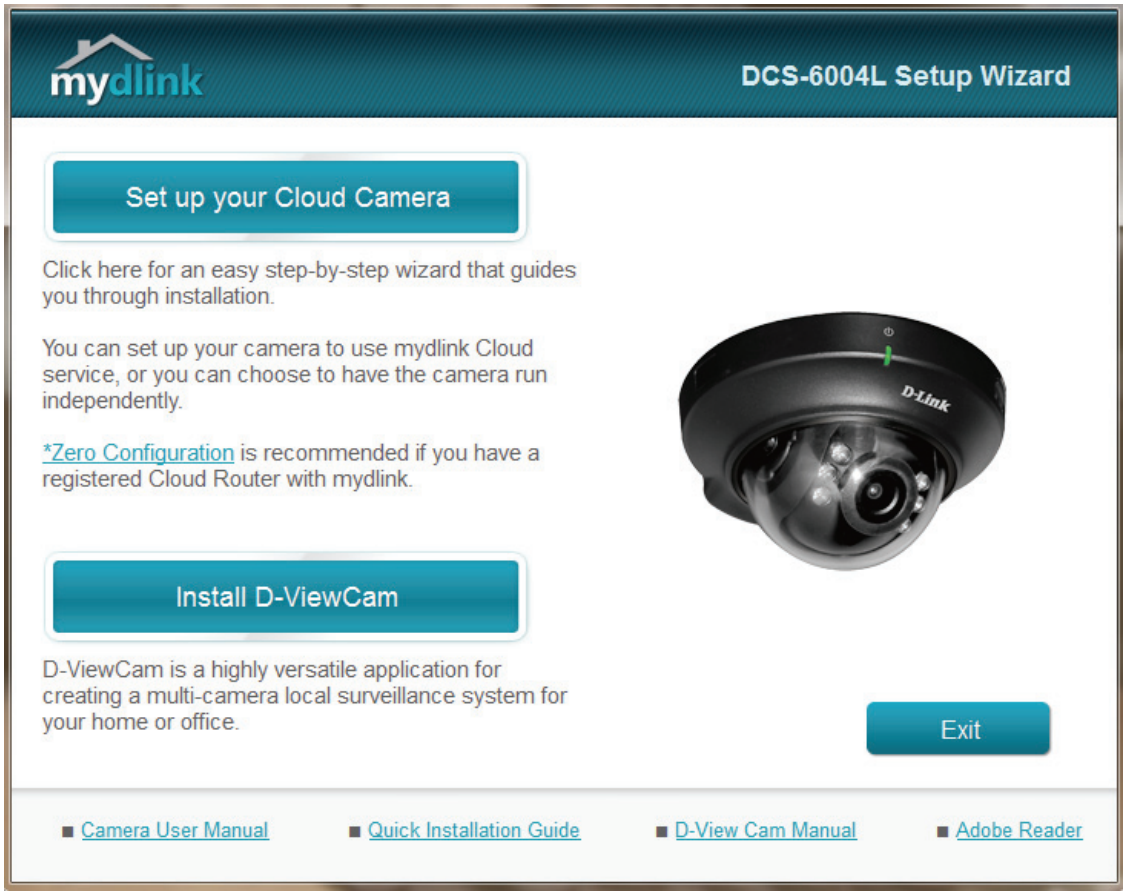
1	**IR LED**	Used to illuminate the camera's field of view at night
2	**microSD Card Slot**	Used to add storage for recording
3	**Camera Sensor**	HD-capable CMOS sensor
4	**Status LED**	Indicates the camera's current status

Camera Installation Wizard

Windows Users

Insert the installation CD-ROM into your computer's optical drive to start the Autorun program.

Simply click **Set up your Cloud Camera** to go through the Setup Wizard, which will guide you step-by-step through the installation process from connecting your hardware to configuring your camera and registering it with your mydlink account.

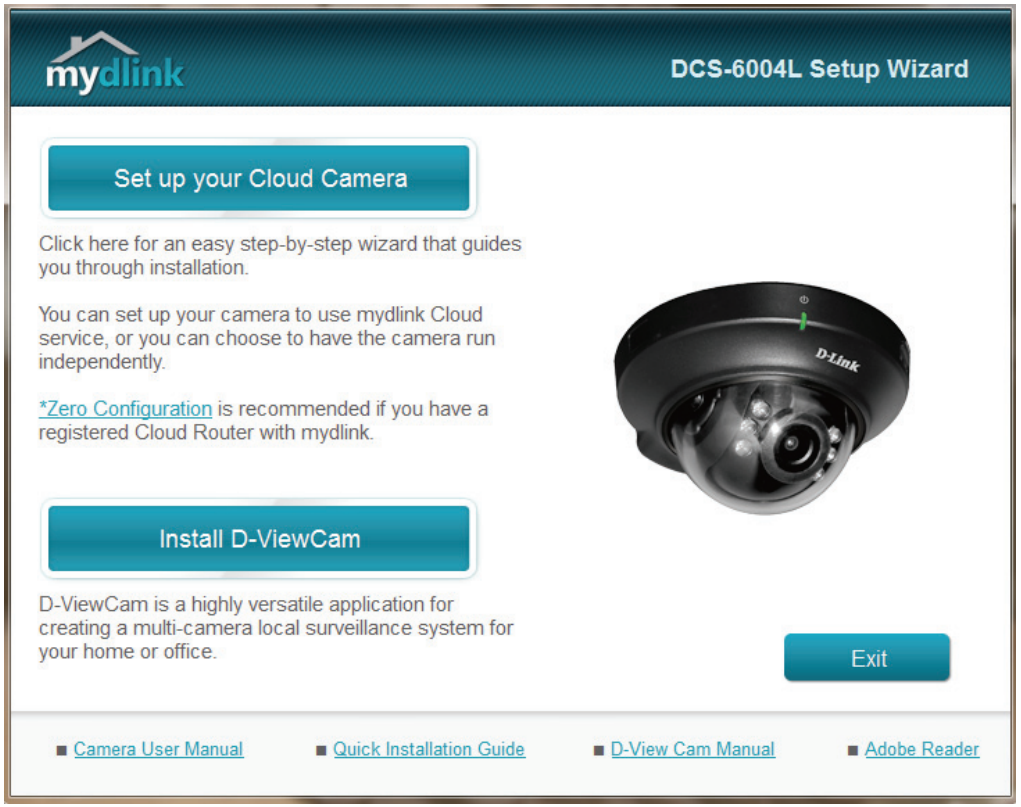

mydlink
DCS-6004L Setup Wizard
Set up your Cloud Camera
Click here for an easy step-by-step wizard that guides you through installation.
You can set up your camera to use mydlink Cloud service, or you can choose to have the camera run independently.
*Zero Configuration is recommended if you have a registered Cloud Router with mydlink.
Install D-ViewCam
D-ViewCam is a highly versatile application for creating a multi-camera local surveillance system for your home or office.
Exit
Camera User Manual
Quick Installation Guide
D-View Cam Manual
Adobe Reader

Note: If the Autorun program does not open, go to My Computer, browse to your CD drive, and double-click on the autorun.exe file.

Mac Users

Insert the installation CD-ROM into your computer's CD drive. On the desktop, open your CD drive and double-click on the **Setup_Wizard** file.

Within 20-30 seconds, the Setup Wizard will open, which will guide you step-by-step through the installation process from connecting your hardware to configuring your camera and registering it with your mydlink account.


mydlink
DCS-6004L Setup Wizard
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D-ViewCam is a highly versatile application for creating a multi-camera local surveillance system for your home or office.
Exit
Camera User Manual
Quick Installation Guide
D-View Cam Manual
Adobe Reader

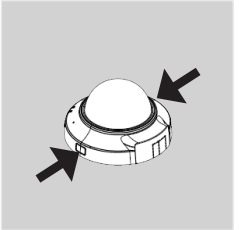
Note: mydlink Web portal requires Java™ to function correctly.
For more guidelines, please refer to mydlink FAQ pages at **https://www.mydlink.com/faq/mydlink**

Hardware Installation

Please refer to the steps below to assist you with hardware installation process for the camera.

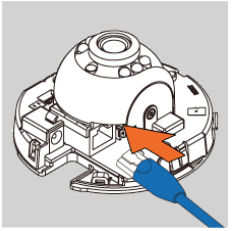
Remove the Camera Housing

The camera housing needs to be separated from the camera base to expose the screw used to adjust the viewing angle. Remove the camera housing from the camera base by squeezing the housing release buttons on either side of the camera. Once the housing is released, lift it up and off the camera base to expose the Ethernet and power receptor.



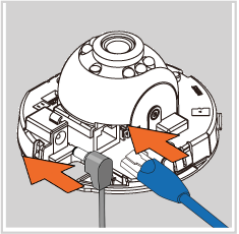
Connect the Ethernet Cable

Connect the included Ethernet cable to the network cable connector located on the panel at the rear of the DCS-6004L/ and attach it to the network.



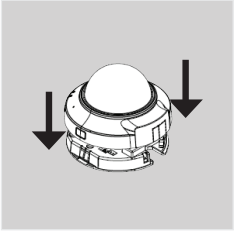
Attach the External Power Supply

Attach the external power supply to the DC Power receptor located on the rear panel of the DCS-6004L and connect it to your wall outlet or power strip.



Reattach the Camera Housing

Reattach the camera housing by lining up the housing so that the access port on the housing matches the access port on the camera base. Firmly push down until the camera housing snaps back onto the camera base.

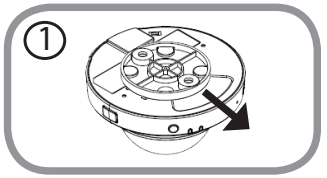


Mounting the Camera

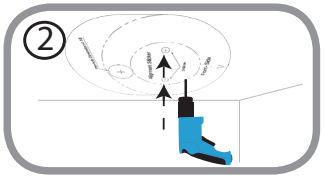
Please refer to the steps below to assist you with mounting the camera.

We suggest that you configure the camera before mounting.

1. The camera needs to be separated from the mounting base to expose the holes in the mounting base. Remove the camera head from the mounting base by firmly holding the camera with the D-Link logo facing you and then sliding the mounting base towards you.

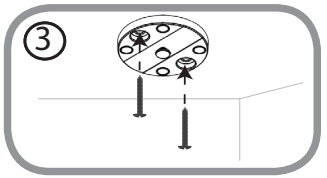


2. Place the mounting base alignment sticker where you want to position the camera. Depending on the material of the wall or ceiling, use proper tools to drill two holes where you placed the alignment sticker. If the wall is made out of concrete, drill the holes first, then insert the plastic anchors to support the screws.

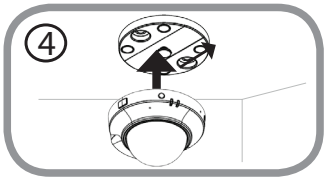


3. Place the mounting base over the holes that are in the wall. Make sure to align the mounting base holes with the holes in the wall. Use the supplied screws to attach the mounting base to the surface of the wall.

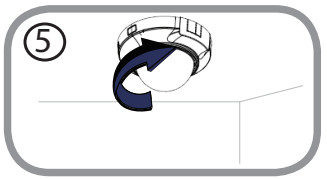
Do not overtighten screws as this may crack the mount.



4. With the D-Link logo facing you, reattach the camera to the mounting plate by sliding the camera towards you until it locks into position.



5. Adjust the angle of the camera as desired, then tighten the collar on the camera stem to lock it in place.

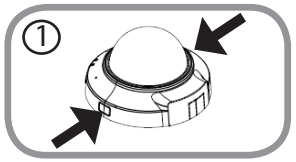


Adjusting the Viewing Angle

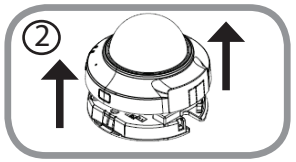
Please refer to the steps below to assist you with adjusting the viewing angle of the camera.

We suggest that you configure the camera before mounting.

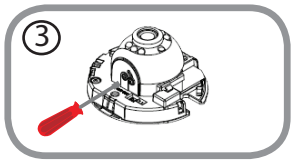
1. The camera housing needs to be separated from the camera base to expose the screw used to adjust the viewing angle. Remove the camera housing from the camera base by squeezing the housing release buttons on either side of the camera.



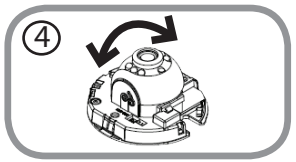
2. Lift the camera housing up off the camera base once the housing has been released.



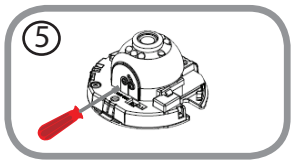
3. Use a philips head screwdriver to loosen the retaining screw used to secure the viewing angle of the camera lens.



4. Manually adjust the viewing angle back and forth to your desired location.

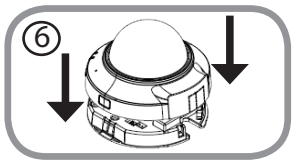


5. Use a philips head screwdriver to tighten the retaining screw used to secure the viewing angle of the camera lens.



Do not overtighten screw as this may crack the mount.

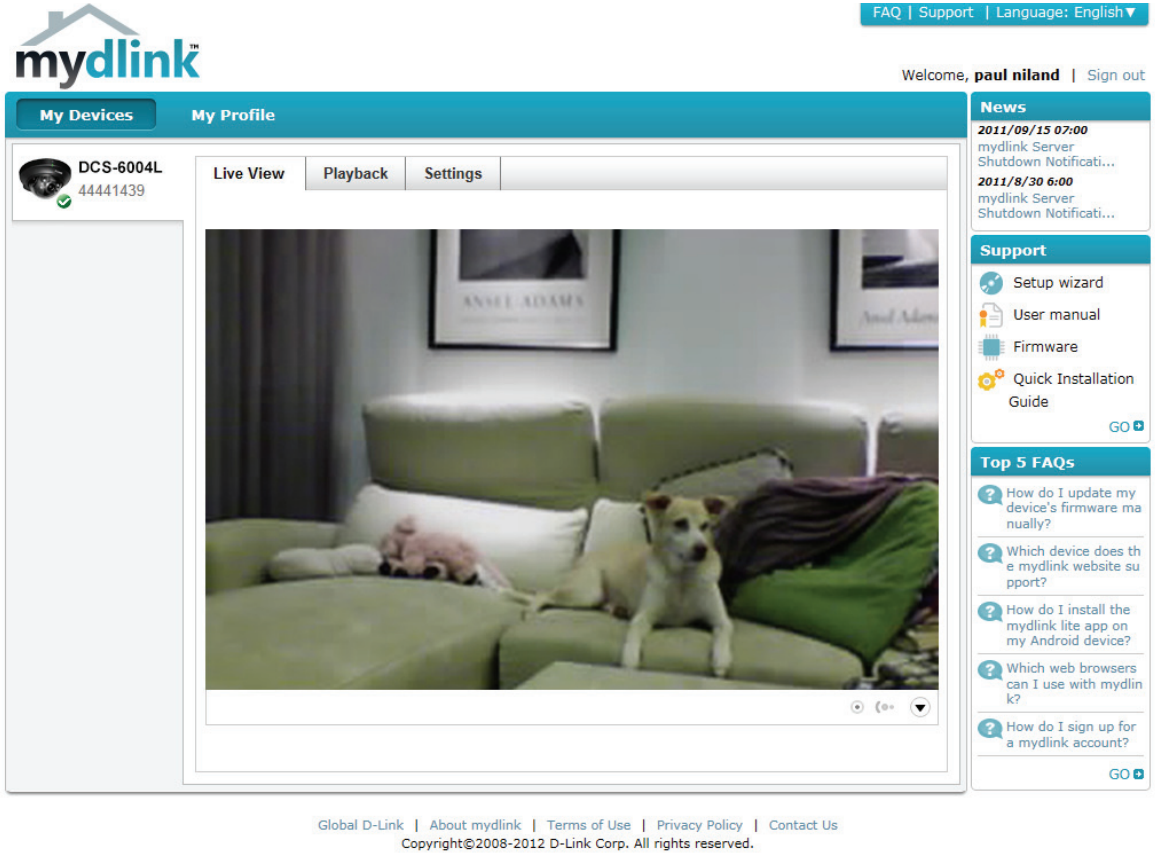
6. Reattach the camera housing by lining up the housing so that the access port on the housing matches the access port on the camera base. Firmly push down until the camera housing snaps back onto the camera base.



7. Refer to "Mounting the Camera" on page 12 to learn how to correctly mount the camera to its permenant location.

mydlink

After registering your DCS-6004L camera with a mydlink account in the Camera Installation Wizard. You will be able to remotely access your camera from the www.mydlink.com website. After signing in to your mydlink account, you will see a screen similar to the following:

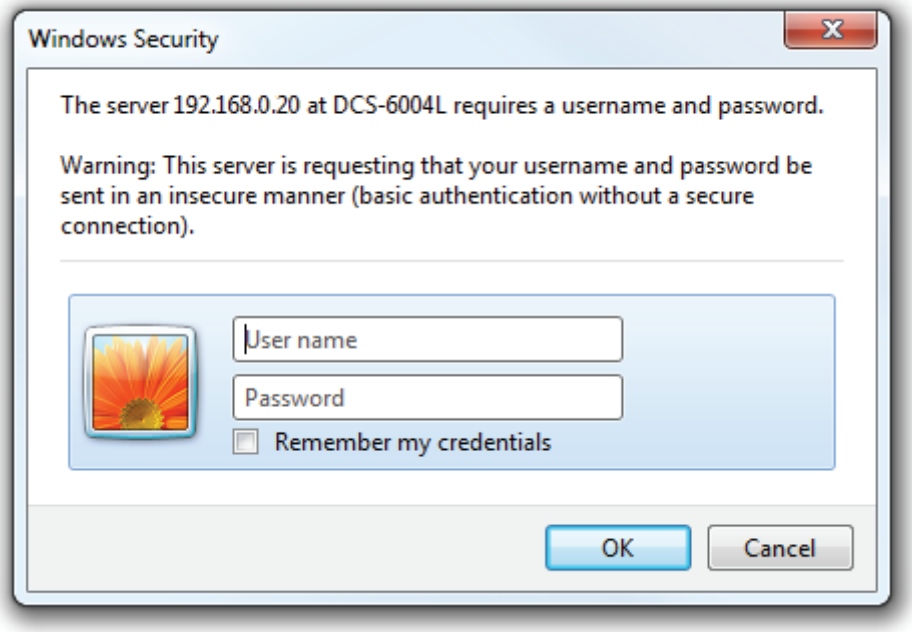


For more details on using your camera with mydlink, go to the **Support** section of the mydlink website and check the **User Manual** section for your product to find the latest instruction guide for your camera's mydlink features.

Configuration

Using the Configuration Interface

After completing the Camera Installation Wizard, you are ready to use your camera. The camera's built-in Web configuration utility is designed to allow you to easily access and configure your DCS-6004L. At the end of the wizard, enter the IP address of your camera into a web browser, such as Mozilla Firefox. To log in, use the User name **admin** and the password you created in the Installation Wizard. If you did not create a password, the default password is blank. After entering your password, click **OK**.


Windows Security
The server 192.168.0.20 at DCS-6004L requires a username and password.
Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).
User name
Password
Remember my credentials
OK
Cancel

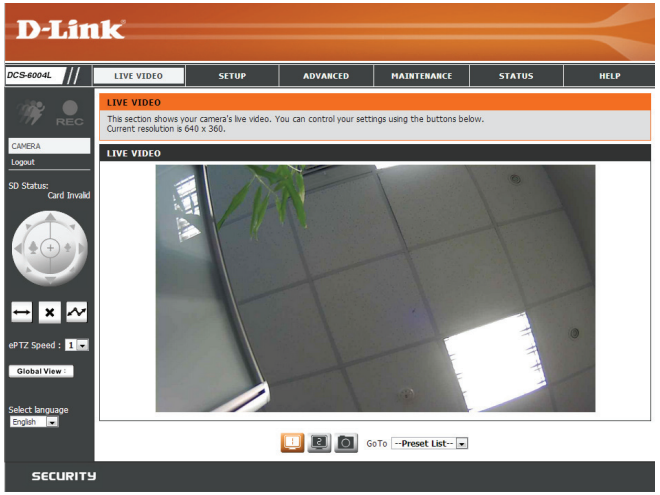
Live Video

This section shows your camera's live video. You may select any of the available icons listed below to operate the camera. You may also select your language using the drop-down menu on the left side of the screen.

You can zoom in and out on the live video image using your mouse. Right-click to zoom out or left-click to zoom in on the image.

SD Status: This option displays the status of the SD card. If no SD card has been inserted, this screen will display the message "Card Invalid."

	Motion Trigger Indicator	This indicator will change color when a trigger event occurs. **Note:** The motion detection feature for your camera must be enabled.
	Recording Indicator	When a recording is in progress, this indicator will change color.
	Control Pad	This control pad can be used to electronically pan, tilt, and zoom (ePTZ) within the camera's predefined view area, if one has been defined.
	Auto Pan	Starts the automatic panning function. The ROI will pan from back and forth within the FOV
	Stop	Stops automatic panning.
	Preset Path	Starts the camera's motion along the predefined path.



Video Profile 1

Video Profile 2

Taking a Snapshot

ePTZ Speed: You may select a value between 0 and 5. 0 is the slowest and 5 is the fastest.

Global View: This window indicates the total field of view (FOV) of the camera. The red box indicates the visible region of interest (ROI).

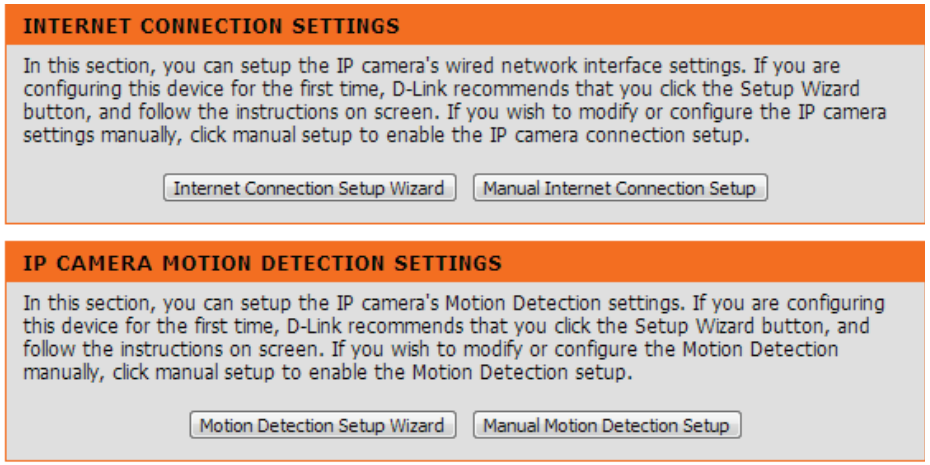
Language: You may select the interface language using this menu.

Go To: (Preset List) If any presets have been defined, selecting a preset from this list will display it.

Setup
Setup Wizard

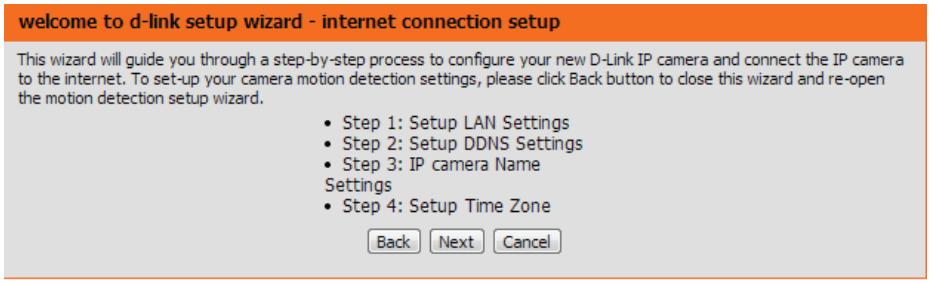
To configure your Network Camera, click **Internet Connection Setup Wizard**. Alternatively, you may click **Manual Internet Connection Setup** to manually configure your Network Camera and skip to "Network Setup" on page 23.

To quickly configure your Network Camera's motion detection settings, click **Motion Detection Setup Wizard**. If you want to enter your settings without running the wizard, click **Manual Motion Detection Setup** and skip to"Motion Detection" on page 35.


INTERNET CONNECTION SETTINGS
In this section, you can setup the IP camera's wired network interface settings. If you are configuring this device for the first time, D-Link recommends that you click the Setup Wizard button, and follow the instructions on screen. If you wish to modify or configure the IP camera settings manually, click manual setup to enable the IP camera connection setup.
Internet Connection Setup Wizard
Manual Internet Connection Setup
IP CAMERA MOTION DETECTION SETTINGS
In this section, you can setup the IP camera's Motion Detection settings. If you are configuring this device for the first time, D-Link recommends that you click the Setup Wizard button, and follow the instructions on screen. If you wish to modify or configure the Motion Detection manually, click manual setup to enable the Motion Detection setup.
Motion Detection Setup Wizard
Manual Motion Detection Setup

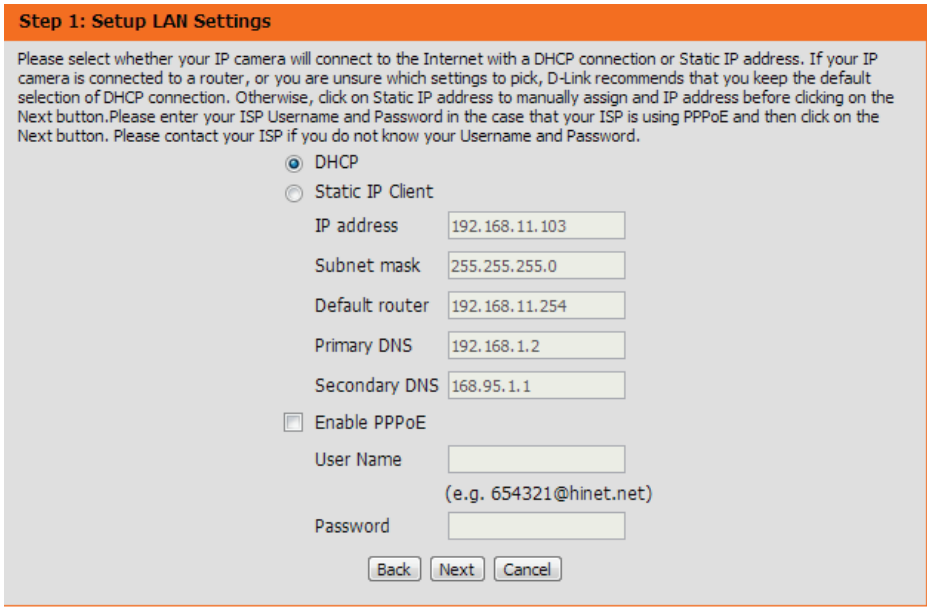
Internet Connection Setup Wizard

This wizard will guide you through a step-by-step process to configure your new D-Link Camera and connect the camera to the Internet. Click **Next** to continue.


welcome to d-link setup wizard - internet connection setup
This wizard will guide you through a step-by-step process to configure your new D-Link IP camera and connect the IP camera to the internet. To set-up your camera motion detection settings, please click Back button to close this wizard and re-open the motion detection setup wizard.
Step 1: Setup LAN Settings
Step 2: Setup DDNS Settings
Step 3: IP camera Name Settings
Step 4: Setup Time Zone
Back
Next
Cancel

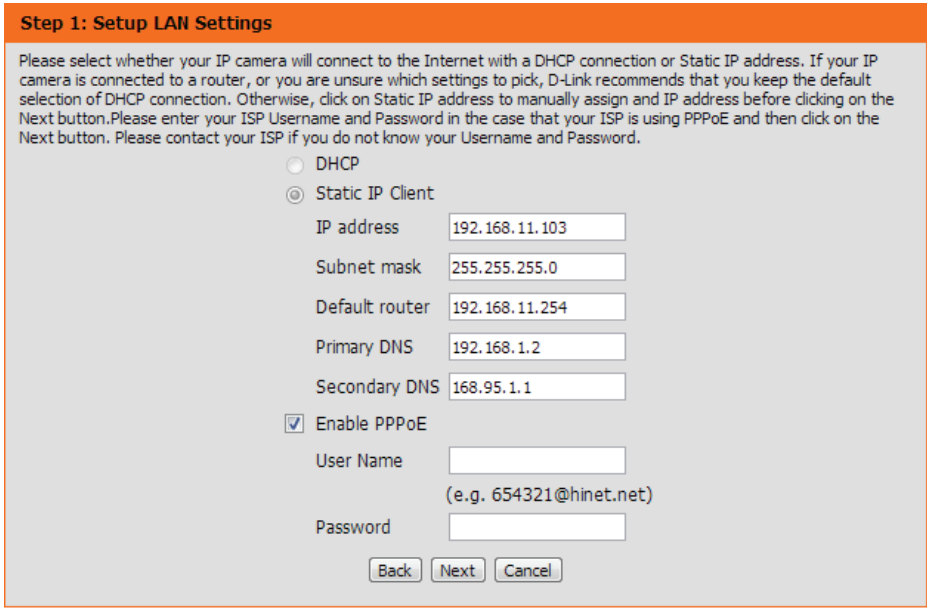
Note: Select DHCP if you are unsure of which settings to choose.

Click **Next** to continue.

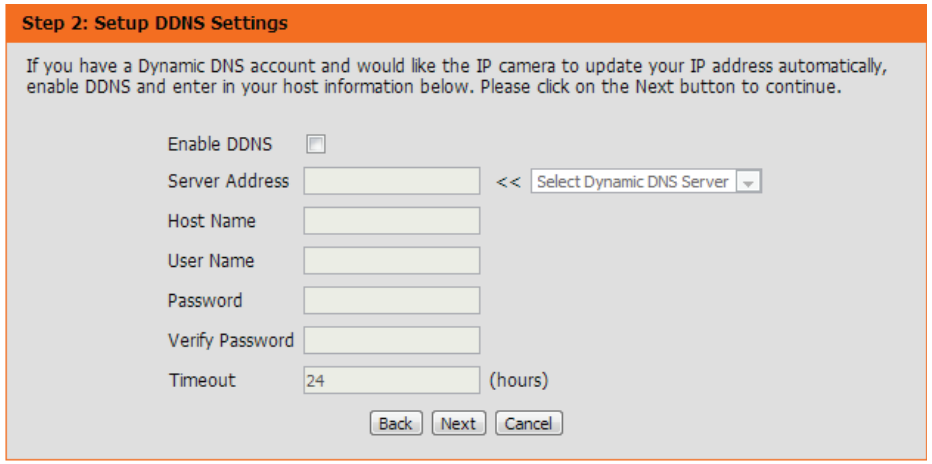

Step 1: Setup LAN Settings
Please select whether your IP camera will connect to the Internet with a DHCP connection or Static IP address. If your IP camera is connected to a router, or you are unsure which settings to pick, D-Link recommends that you keep the default selection of DHCP connection. Otherwise, click on Static IP address to manually assign and IP address before clicking on the Next button.Please enter your ISP Username and Password in the case that your ISP is using PPPoE and then click on the Next button. Please contact your ISP if you do not know your Username and Password.
DHCP
Static IP Client
IP address
192.168.11.103
Subnet mask
255.255.255.0
Default router
192.168.11.254
Primary DNS
192.168.1.2
Secondary DNS
168.95.1.1
Enable PPPoE
User Name
(e.g. 654321@hinet.net)
Password
Back
Next
Cancel

Select **Static IP** if your Internet Service Provider has provided you with connection settings, or if you wish to set a static address within your home network. Enter the correct configuration information and click **Next** to continue.

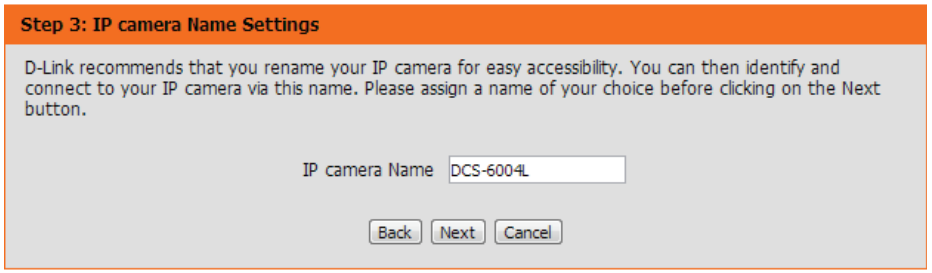
If you are using PPPoE, select **Enable PPPoE** and enter your user name and password, otherwise click **Next** to continue.


Step 1: Setup LAN Settings
Please select whether your IP camera will connect to the Internet with a DHCP connection or Static IP address. If your IP camera is connected to a router, or you are unsure which settings to pick, D-Link recommends that you keep the default selection of DHCP connection. Otherwise, click on Static IP address to manually assign and IP address before clicking on the Next button.Please enter your ISP Username and Password in the case that your ISP is using PPPoE and then click on the Next button. Please contact your ISP if you do not know your Username and Password.
DHCP
Static IP Client
IP address
192.168.11.103
Subnet mask
255.255.255.0
Default router
192.168.11.254
Primary DNS
192.168.1.2
Secondary DNS
168.95.1.1
Enable PPPoE
User Name
(e.g. 654321@hinet.net)
Password
Back
Next
Cancel

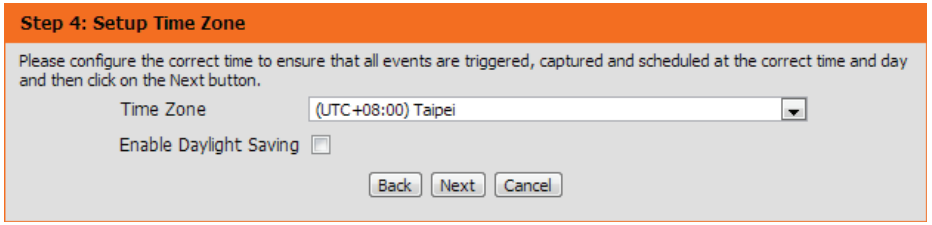
If you have a Dynamic DNS account and would like the camera to update your IP address automatically, select **Enable DDNS** and enter your host information. Click **Next** to continue.


Step 2: Setup DDNS Settings
If you have a Dynamic DNS account and would like the IP camera to update your IP address automatically, enable DDNS and enter in your host information below. Please click on the Next button to continue.
Enable DDNS
Server Address
<< Select Dynamic DNS Server
Host Name
User Name
Password
Verify Password
Timeout
24
(hours)
Back
Next
Cancel

Enter a name for your camera and click **Next** to continue.

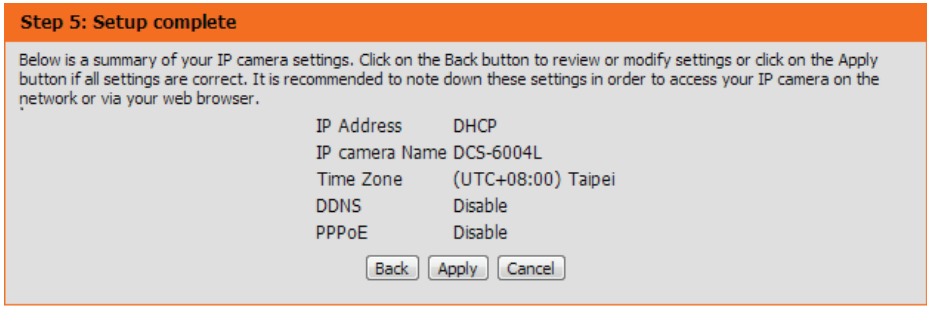

Step 3: IP camera Name Settings
D-Link recommends that you rename your IP camera for easy accessibility. You can then identify and connect to your IP camera via this name. Please assign a name of your choice before clicking on the Next button.
IP camera Name
DCS-6004L
Back
Next
Cancel

Configure the correct time to ensure that all events will be triggered as scheduled. Click **Next** to continue.


Step 4: Setup Time Zone
Please configure the correct time to ensure that all events are triggered, captured and scheduled at the correct time and day and then click on the Next button.
Time Zone
(UTC+08:00) Taipei
Enable Daylight Saving
Back
Next
Cancel

If you have selected DHCP, you will see a summary of your settings, including the camera's IP address. Please write down all of this information as you will need it in order to access your camera.

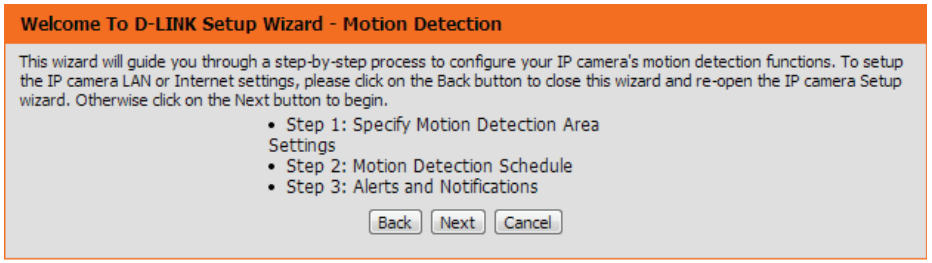
Click **Apply** to save your settings.


Step 5: Setup complete
Below is a summary of your IP camera settings. Click on the Back button to review or modify settings or click on the Apply button if all settings are correct. It is recommended to note down these settings in order to access your IP camera on the network or via your web browser.
IP Address DHCP
IP camera Name DCS-6004L
Time Zone (UTC+08:00) Taipei
DDNS Disable
PPPoE Disable
Back
Apply
Cancel

Motion Detection Setup Wizard

This wizard will guide you through a step-by-step process to configure your camera's motion detection functions.

Click **Next** to continue.

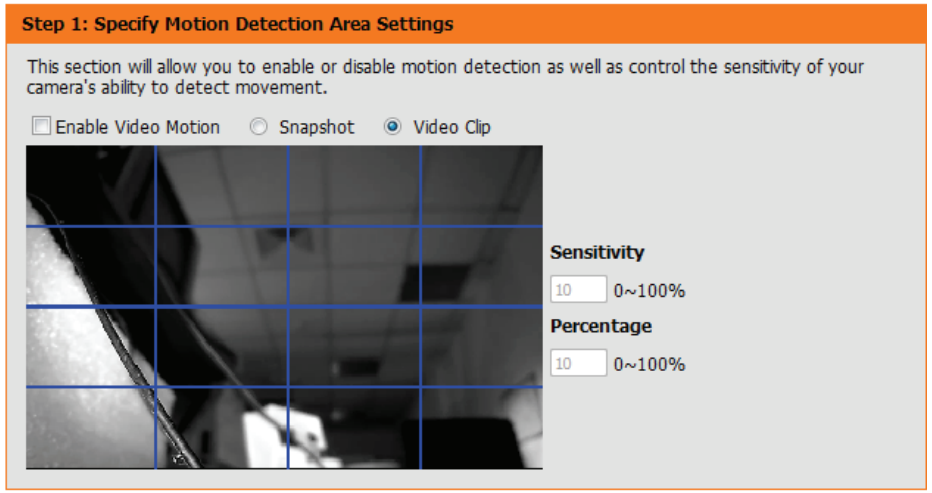

Welcome To D-LINK Setup Wizard - Motion Detection
This wizard will guide you through a step-by-step process to configure your IP camera's motion detection functions. To setup the IP camera LAN or Internet settings, please click on the Back button to close this wizard and re-open the IP camera Setup wizard. Otherwise click on the Next button to begin.
• Step 1: Specify Motion Detection Area Settings
• Step 2: Motion Detection Schedule
• Step 3: Alerts and Notifications
Back
Next
Cancel

Step 1
This step will allow you to enable or disable motion detection, specify the detection sensitivity, and adjust the camera's ability to detect movement.

You may specify whether the camera should capture a snapshot or a video clip when motion is detected.

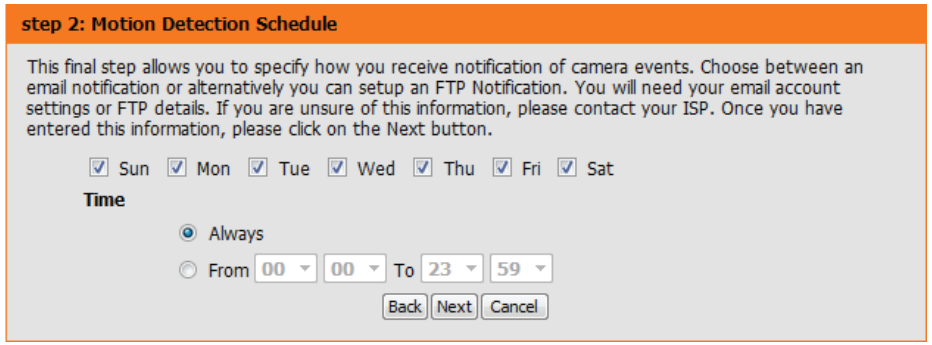
Please see the **Motion Detection** section on "Motion Detection" on page 35 for information about how to configure motion detection.

Click **Next** to continue.



Step 2
This step allows you to enable motion detection based on a customized schedule. Specify the day and hours. You may also choose to always record whenever motion is detected.

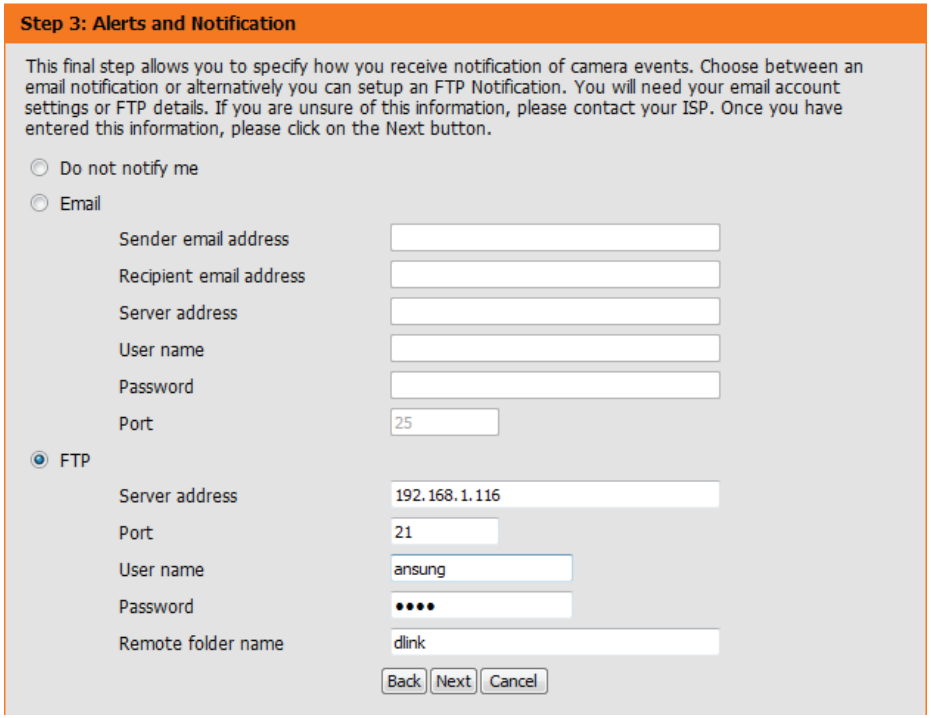
Click **Next** to continue.


step 2: Motion Detection Schedule
This final step allows you to specify how you receive notification of camera events. Choose between an email notification or alternatively you can setup an FTP Notification. You will need your email account settings or FTP details. If you are unsure of this information, please contact your ISP. Once you have entered this information, please click on the Next button.
Sun
Mon
Tue
Wed
Thu
Fri
Sat
Time
Always
From 00 00 To 23 59
Back
Next
Cancel

Step 3
This step allows you to specify how you will receive event notifications from your camera. You may choose not to receive notifications, or to receive notifications via e-mail or FTP.

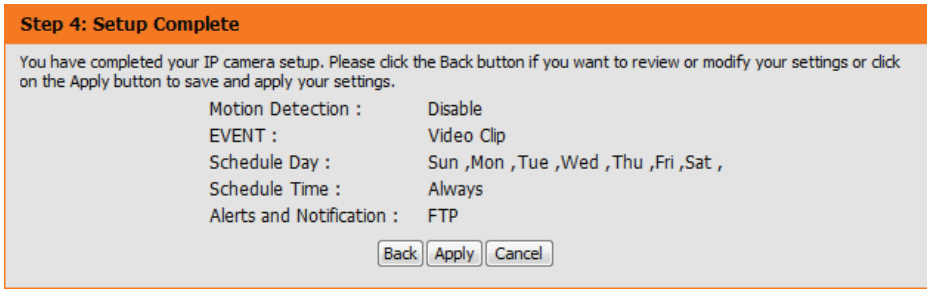
Please enter the relevant information for your e-mail or FTP account.

Click **Next** to continue.


Step 3: Alerts and Notification
This final step allows you to specify how you receive notification of camera events. Choose between an email notification or alternatively you can setup an FTP Notification. You will need your email account settings or FTP details. If you are unsure of this information, please contact your ISP. Once you have entered this information, please click on the Next button.
Do not notify me
Email
Sender email address
Recipient email address
Server address
User name
Password
Port
25
FTP
Server address
192.168.1.116
Port
21
User name
ansung
Password
Remote folder name
dlink
Back
Next
Cancel

Step 4
You have completed the Motion Detection Wizard.

Please verify your settings and click **Apply** to save them.


Step 4: Setup Complete
You have completed your IP camera setup. Please click the Back button if you want to review or modify your settings or click on the Apply button to save and apply your settings.
Motion Detection : Disable
EVENT : Video Clip
Schedule Day : Sun ,Mon ,Tue ,Wed ,Thu ,Fri ,Sat ,
Schedule Time : Always
Alerts and Notification : FTP
Back
Apply
Cancel

Please wait a few moments while the camera saves your settings and restarts.

Network Setup

Use this section to configure the network connections for your camera. All relevant information must be entered accurately. After making any changes, click the **Save Settings** button to save your changes.

DHCP: Select this connection if you have a DHCP server running on your network and would like your camera to obtain an IP address automatically.

If you choose DHCP, you do not need to fill out the IP address settings.

Static IP Address: You may obtain a static or fixed IP address and other network information from your network administrator for your camera. A static IP address may simplify access to your camera in the future.

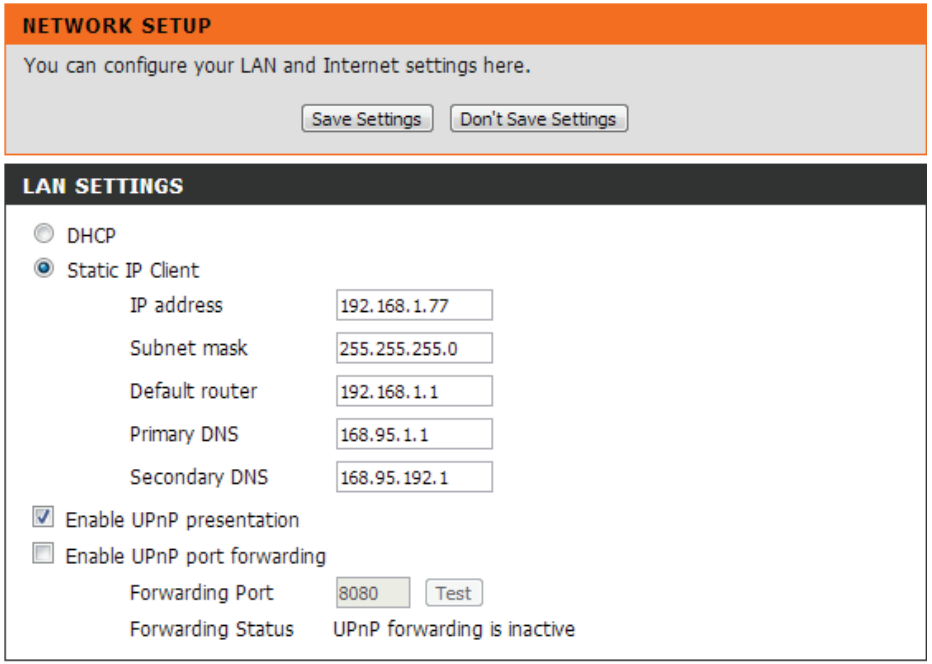
IP Address: Enter the fixed IP address in this field.

Subnet Mask: This number is used to determine if the destination is in the same subnet. The default value is 255.255.255.0.

Default Router: The gateway used to forward frames to destinations in a different subnet. Invalid gateway settings may cause the failure of transmissions to a different subnet.

Primary DNS: The primary domain name server translates names to IP addresses.

Secondary DNS: The secondary DNS acts as a backup to the primary DNS.



Enable UPnP Presentation: Enabling this setting allows your camera to be configured as a UPnP device on your network.

Enable UPnP Port Forwarding: Enabling this setting allows the camera to add port forwarding entries into the router automatically on a UPnP capable network.

Enable PPPoE: Enable this setting if your network uses PPPoE.

User Name / Password: Enter the username and password for your PPPoE account. Re-enter your password in the Confirm Password field. You may obtain this information from your ISP.

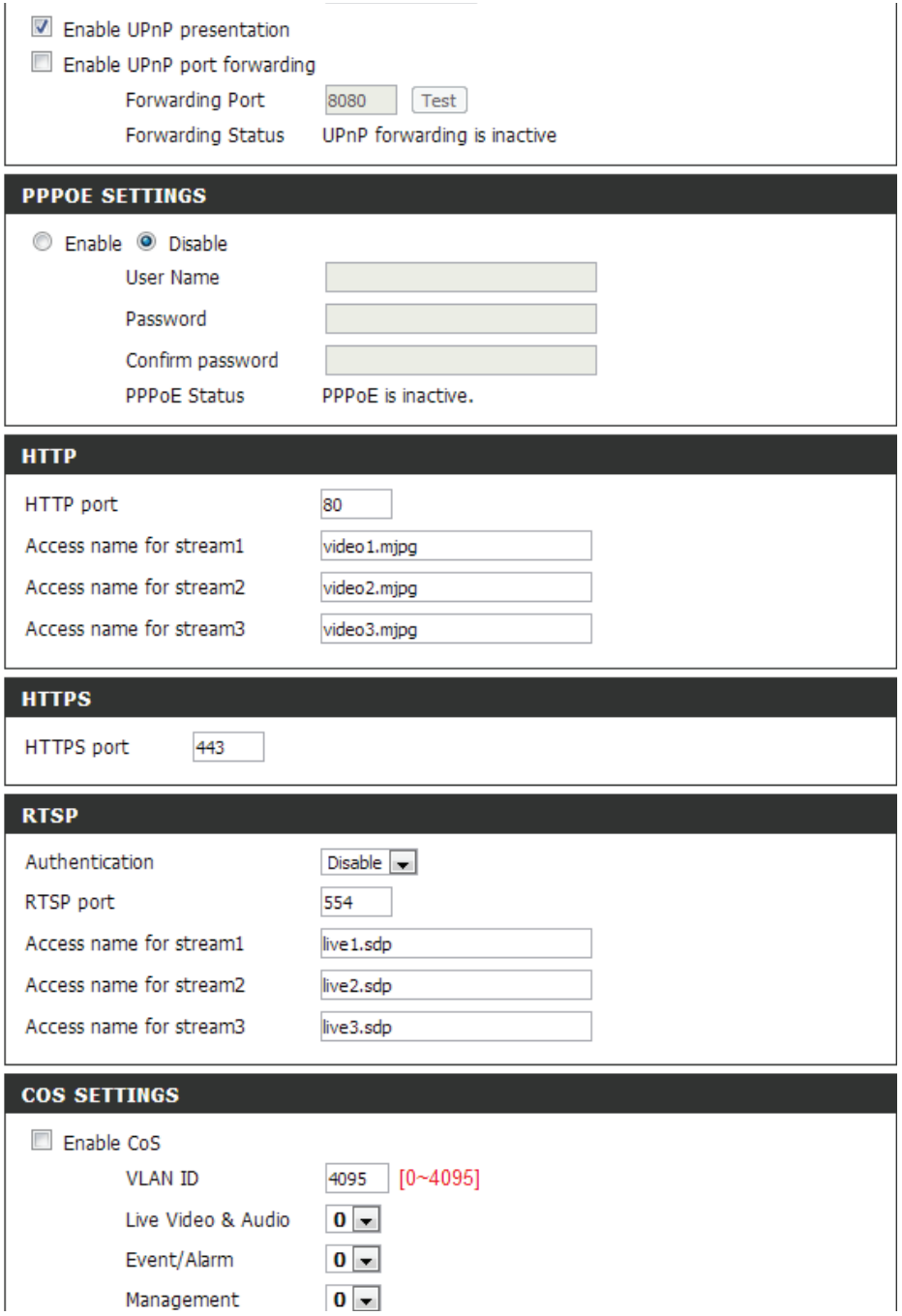
HTTP Port: The default port number is 80.

Access Name for Stream 1~3: The default name is video#.mjpg, where # is the number of the stream.

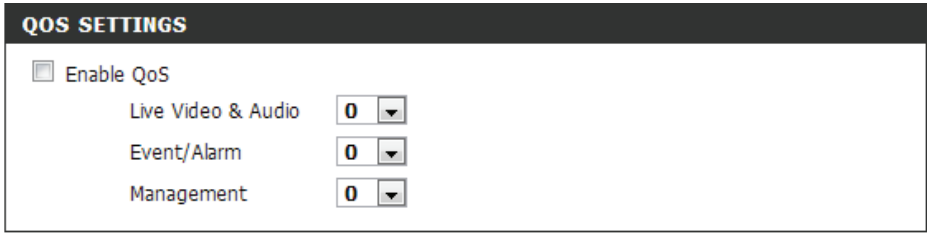
HTTPS Port: You may use a PC with a secure browser to connect to the HTTPS port of the camera. The default port number is 443.

RTSP Port: The port number that you use for RTSP streaming to mobile devices, such as mobile phones or PDAs. The default port number is 554. You may specify the address of a particular stream. For instance, live1.sdp can be accessed at rtsp://x.x.x.x/video1.sdp where the x.x.x.x represents the ip address of your camera.

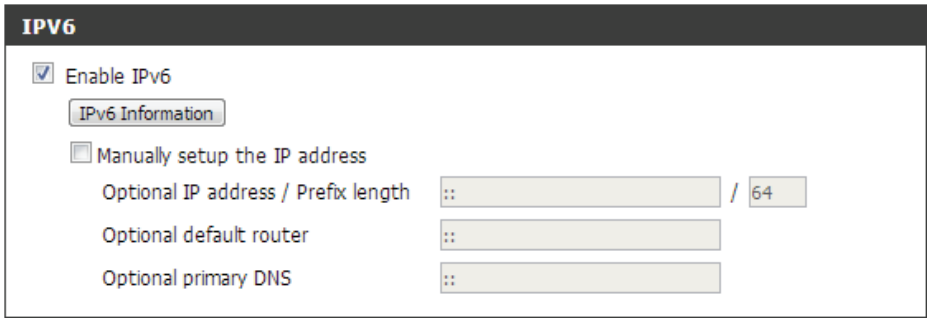
Enable CoS: Enabling the Class of Service setting implements a best-effort policy without making any bandwidth reservations.



Enable QoS: Enabling QoS allows you to specify a traffic priority policy to ensure a consistent Quality of Service during busy periods. If the Network Camera is connected to a router that itself implements QoS, the router's settings will override the QoS settings of the camera.

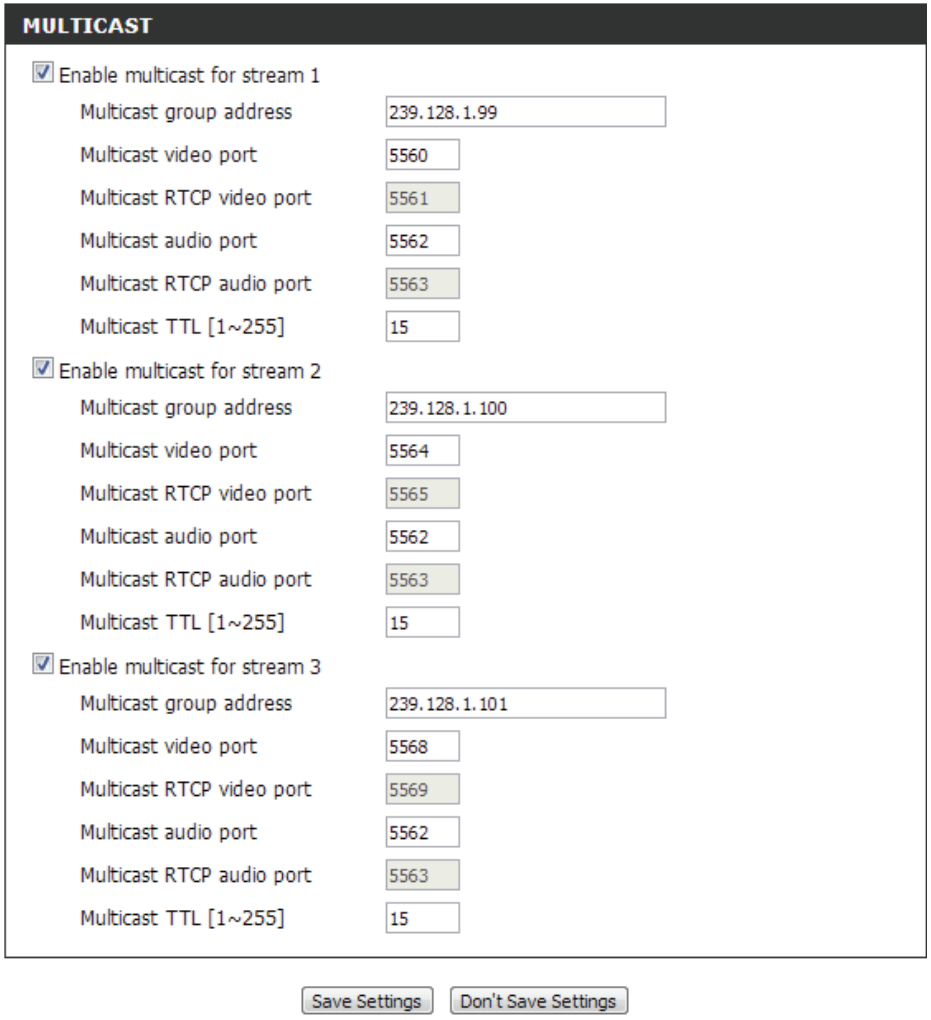


Enable IPV6: Enable the IPV6 setting to use the IPV6 protocol. Enabling the option allows you to manually set up the address, specify an optional IP address, specify an optional router and an optional primary DNS.



Enable Multicast for stream

The DCS-6004L/ allows you to multicast each of the available streams via group address and specify the TTL value for each stream. Enter the port and TTL settings you wish to use if you do not want to use the defaults.



Dynamic DNS

DDNS (Dynamic Domain Name Server) will hold a DNS host name and synchronize the public IP address of the modem when it has been modified. A user name and password are required when using the DDNS service. After making any changes, click the **Save Settings** button to save your changes.

Enable DDNS: Select this checkbox to enable the DDNS function.

Server Address: Select your Dynamic DNS provider from the pull down menu or enter the server address manually.

Host Name: Enter the host name of the DDNS server.

User Name: Enter the user name or e-mail used to connect to your DDNS account.

Password: Enter the password used to connect to your DDNS server account.

Timeout: Enter the DNS timeout values you wish to use.

Status: Indicates the connection status, which is automatically determined by the system.

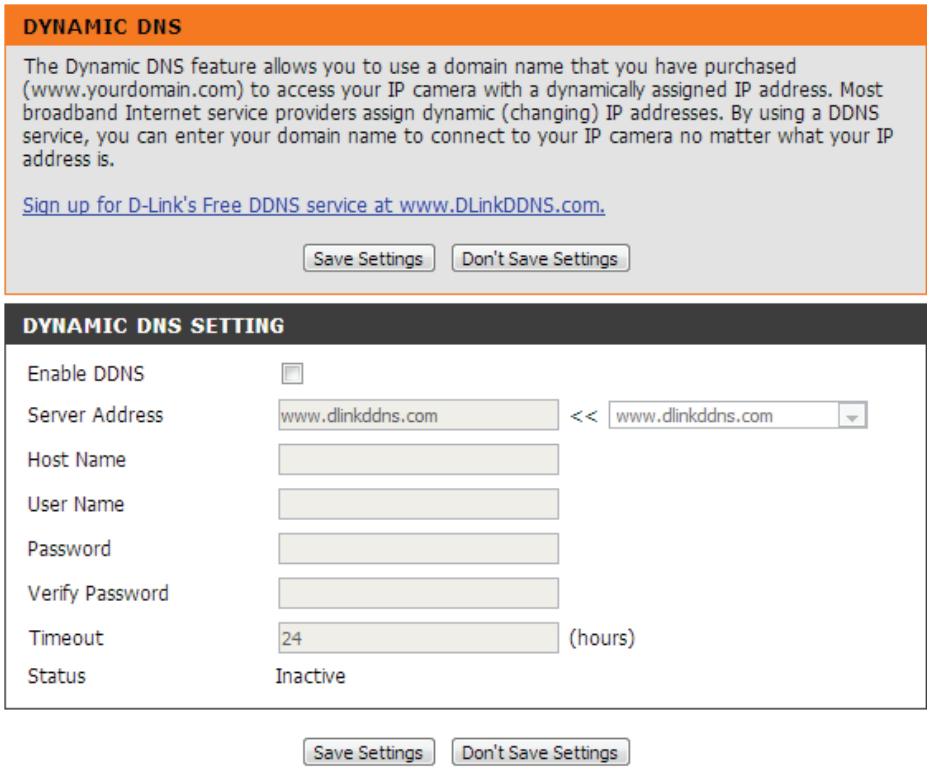

DYNAMIC DNS
The Dynamic DNS feature allows you to use a domain name that you have purchased (www.yourdomain.com) to access your IP camera with a dynamically assigned IP address. Most broadband Internet service providers assign dynamic (changing) IP addresses. By using a DDNS service, you can enter your domain name to connect to your IP camera no matter what your IP address is.
Sign up for D-Link's Free DDNS service at www.DLinkDDNS.com.
Save Settings
Don't Save Settings
DYNAMIC DNS SETTING
Enable DDNS
Server Address
www.dlinkddns.com
<<
www.dlinkddns.com
Host Name
User Name
Password
Verify Password
Timeout
24
(hours)
Status
Inactive
Save Settings
Don't Save Settings

Image Setup

In this section, you may configure the video image settings for your camera. A preview of the image will be shown in Live Video.

Enable Privacy Mask: The Privacy Mask setting allows you to specify up to 3 rectangular areas on the camera's image to be blocked/excluded from recordings and snapshots.

You may click and drag the mouse cursor over the camera image to draw a mask area. Right clicking on the camera image brings up the following menu options:

Disable All: Disables all mask areas
Enable All: Enables all mask areas
Reset All: Clears all mask areas.

Anti Flicker: If the video flickers, try enabling this setting.

Mirror: This will mirror the image horizontally.

Flip: This will flip the image vertically. When turning Flip on, you may want to consider turning Mirror on as well.

Power Line: Select the frequency used by your power lines to avoid interference or distortion.

White Balance: Use the drop-down box to change white balance settings to help balance colors for different environments. You can choose from **Auto**, **Outdoor**, **Indoor**, **Flourescent** and **Push Hold**.

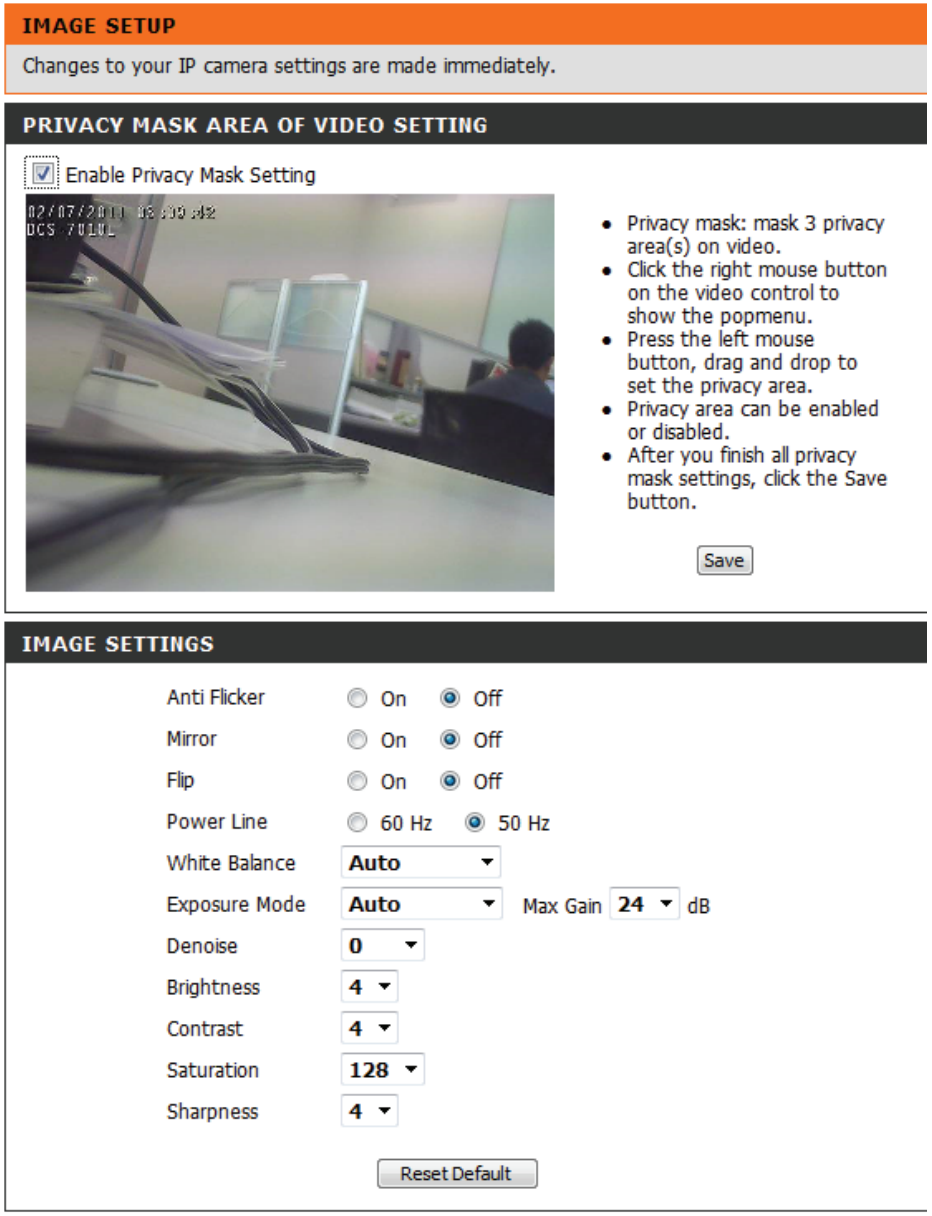


IMAGE SETUP
Changes to your IP camera settings are made immediately.
PRIVACY MASK AREA OF VIDEO SETTING
Enable Privacy Mask Setting
Privacy mask: mask 3 privacy area(s) on video.
Click the right mouse button on the video control to show the popmenu.
Press the left mouse button, drag and drop to set the privacy area.
Privacy area can be enabled or disabled.
After you finish all privacy mask settings, click the Save button.
Save
IMAGE SETTINGS
Anti Flicker On Off
Mirror On Off
Flip On Off
Power Line 60 Hz 50 Hz
White Balance Auto
Exposure Mode Auto Max Gain 24 dB
Denoise 0
Brightness 4
Contrast 4
Saturation 128
Sharpness 4
Reset Default

Exposure Mode: Changes the exposure mode. Use the drop-down box to set the camera for **Auto**, **Indoor**, **Outdoor**, **Night Environments**, or to **Moving** to capture moving objects. The Low Noise option will focus on creating a high-quality picture without noise. You can also create 3 different custom exposure modes. The Max Gain setting will allow you to control the maximum amount of gain to apply to brighten the picture.

Denoise: This setting controls the amount of noise reduction that will be applied to the picture.

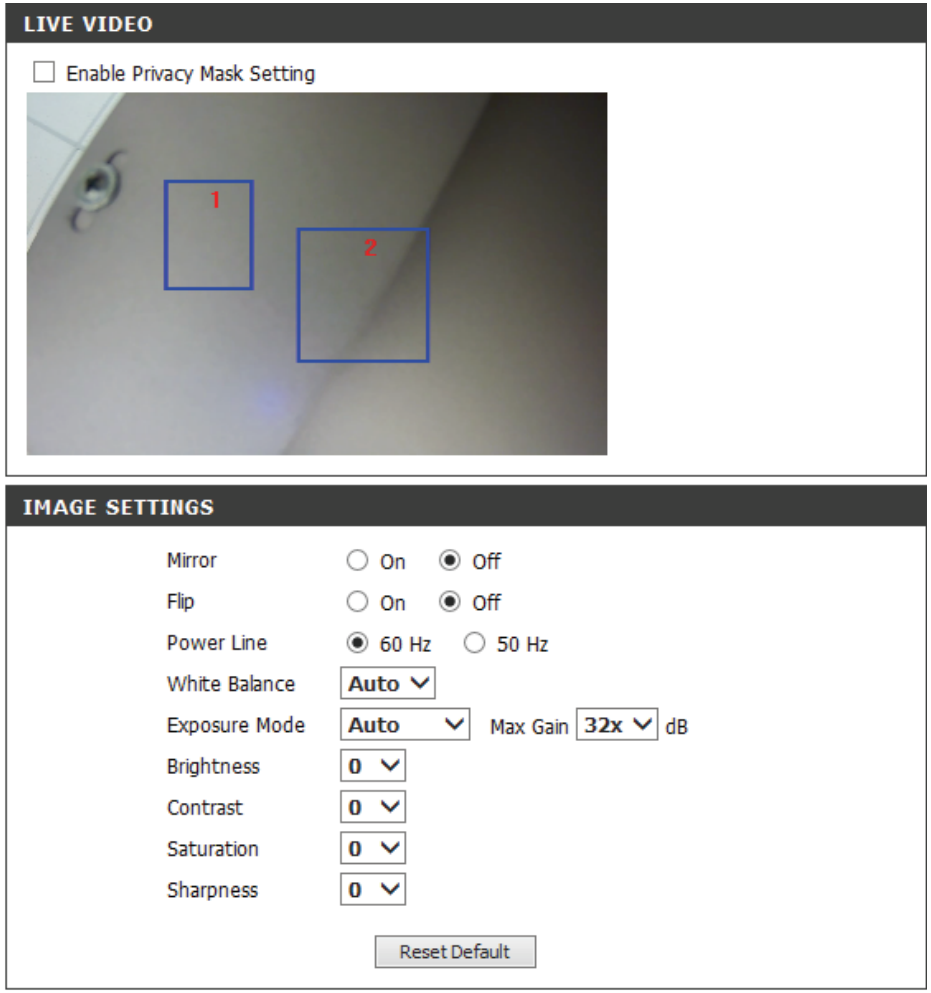
Brightness: Adjust this setting to compensate for backlit subjects.

Contrast: Adjust this setting to alter the color intensity/ strength.

Saturation: This setting controls the amount of coloration, from grayscale to fully saturated.

Sharpness: Specify a value from 0 to 8 to specify how much sharpening to apply to the image.

Reset Default: Click this button to reset the image to factory default settings.



Audio and Video

You may configure up to 2 video profiles with different settings for your camera. Hence, you may set up different profiles for your computer and mobile display. In addition, you may also configure the two-way audio settings for your camera. After making any changes, click the **Save Settings** button to save your changes.

Mode: Set the video codec to be used to JPEG, MPEG-4, or H.264.

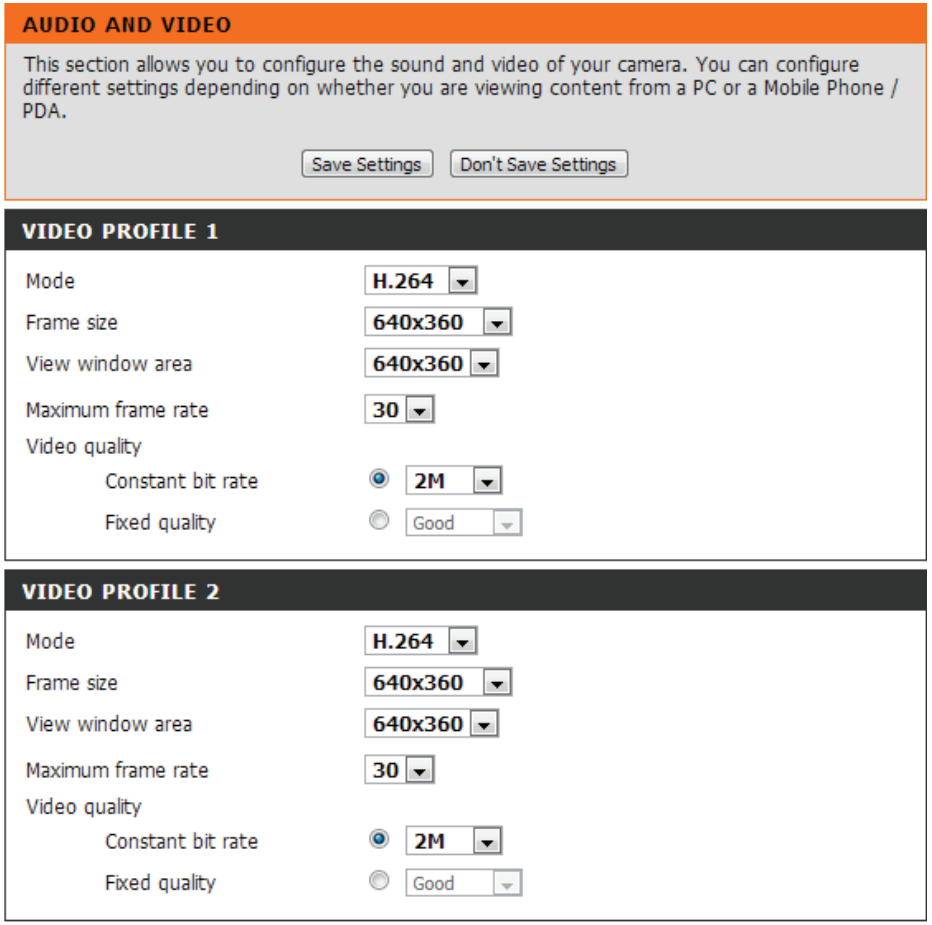
Frame size / View window area: Frame size determines the total capture resolution, and View window area determines the Live Video viewing window size. If the Frame size is larger than the Live Video size, you can use the ePTZ controls to look around.

16:9 1280 x 800, 1280 x 720, 800 x 450, 640 x 360, 480 x 270, 320 x 176

4:3 1024 x 768, 800 x 600, 640 x 480, 480 x 360, 320 x 240

Note: If your View window area is the same as your Frame size, you will not be able to use the ePTZ function.

Maximum frame rate: A higher frame rate provides smoother motion for videos, and requires more bandwidth. Lower frame rates will result in stuttering motion, and requires less bandwidth.



Video Quality: This limits the maximum frame rate, which can be combined with the "Fixed quality" option to optimize the bandwidth utilization and video quality. If fixed bandwidth utilization is desired regardless of the video quality, choose "Constant bit rate" and select the desired bandwidth.

Constant bit rate: The bps will affect the quality of the video recorded by the camera. Higher bit rates result in higher video quality.

Fixed quality: Select the image quality level for the camera to try to maintain. High quality levels will result in increased bit rates.

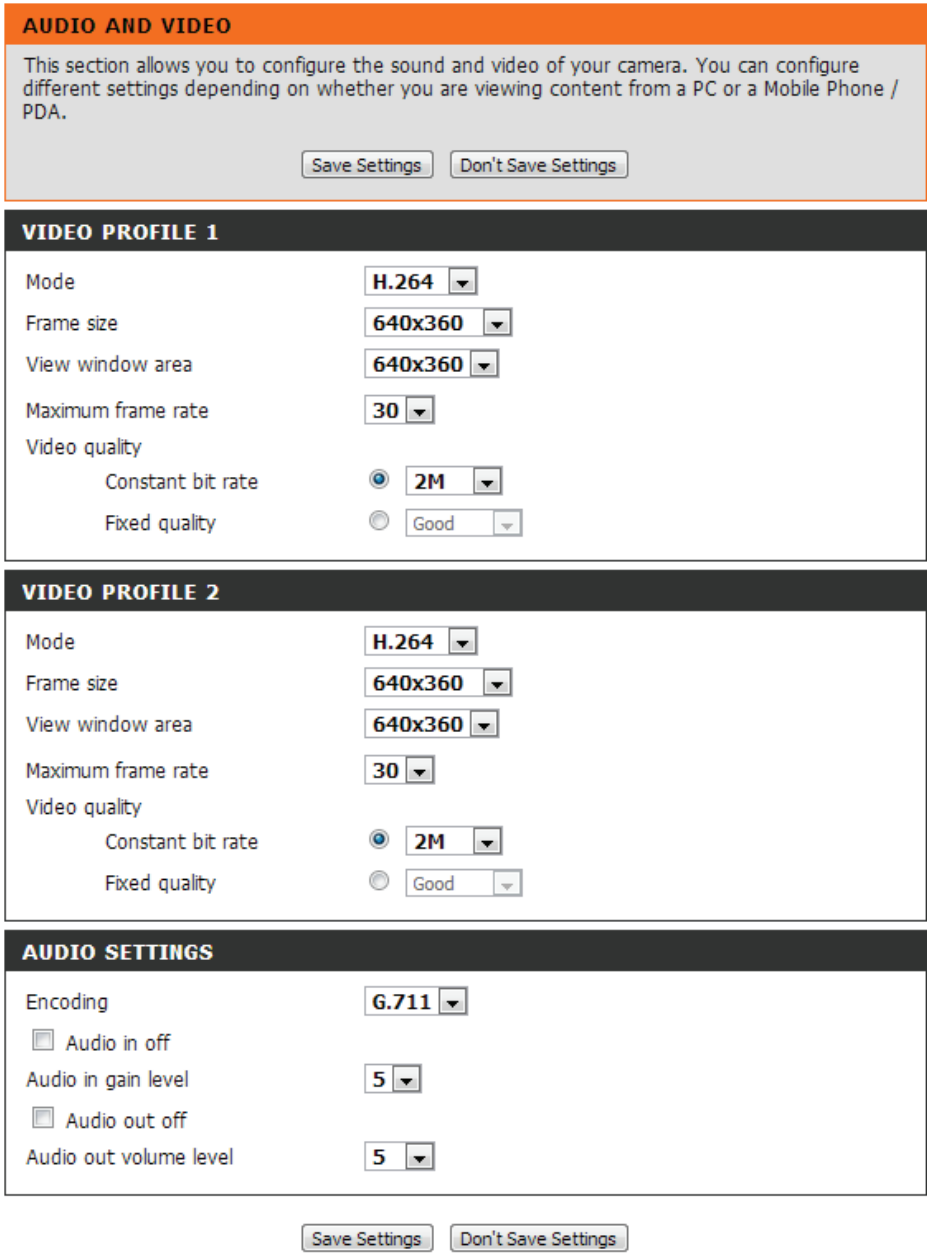
Encoding: Select the audio encoding to use with the video stream.

Audio in off: Selecting this checkbox will mute incoming audio (Mic).

Audio in gain level: This setting controls the amount of gain applied to incoming audio to increase its volume.

Audio out off: Selecting this checkbox will mute outgoing audio.

Audio out volume level: This setting controls the amount of gain applied to outgoing audio to increase its volume.



Preset

This screen allows you to set preset points for the ePTZ function of the camera, which allows you to look around the camera's viewable area by using a zoomed view. Presets allow you to quickly go to and view a specific part of the area your camera is covering, and you can create preset sequences, which will automatically change the camera's view between the different presets according to a defined order and timing you can set.

Note: If your View window area is the same as your Frame size, you will not be able to use the ePTZ function.

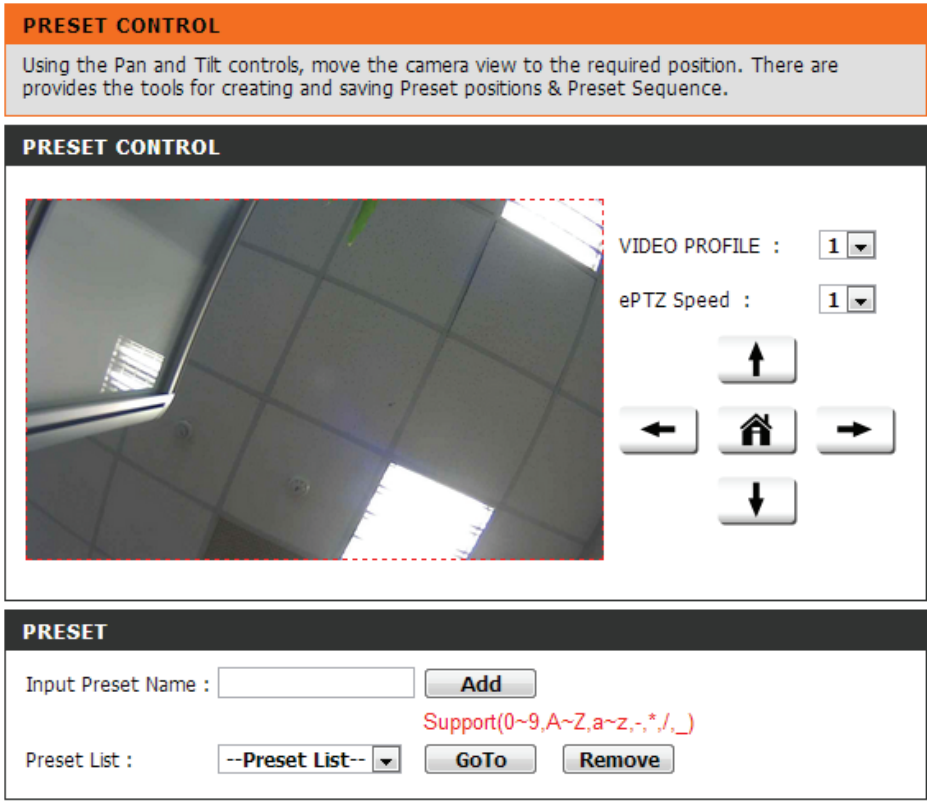
Video Profile: This selects which video profile to use.

ePTZ Speed: You may select a value between 0 and 64. 0 is the slowest and 64 is the fastest.

Arrow Buttons and Home Button: Use these buttons to move to a specific part of the viewing area, which you can then set as a preset. Click the Home button to return to the center of the viewing area.

Input Preset Name: Enter the name of the preset you want to create, then click the **Add** button to make a new preset. If an existing preset has been selected from the Preset List, you can change its name by typing in a new name, then clicking the **Rename** button.

Preset List: Click this drop-down box to see a list of all the presets that have been created. You can select one, then click the **GoTo** button to change the displayed camera view to the preset. Clicking the **Remove** button will delete the currently selected preset.


PRESET CONTROL
Using the Pan and Tilt controls, move the camera view to the required position. There are provides the tools for creating and saving Preset positions & Preset Sequence.
PRESET CONTROL
VIDEO PROFILE : 1
ePTZ Speed : 1
PRESET
Input Preset Name :
Add
Support(0~9,A~Z,a~z,-,*,/,_)
Preset List :
--Preset List--
GoTo
Remove

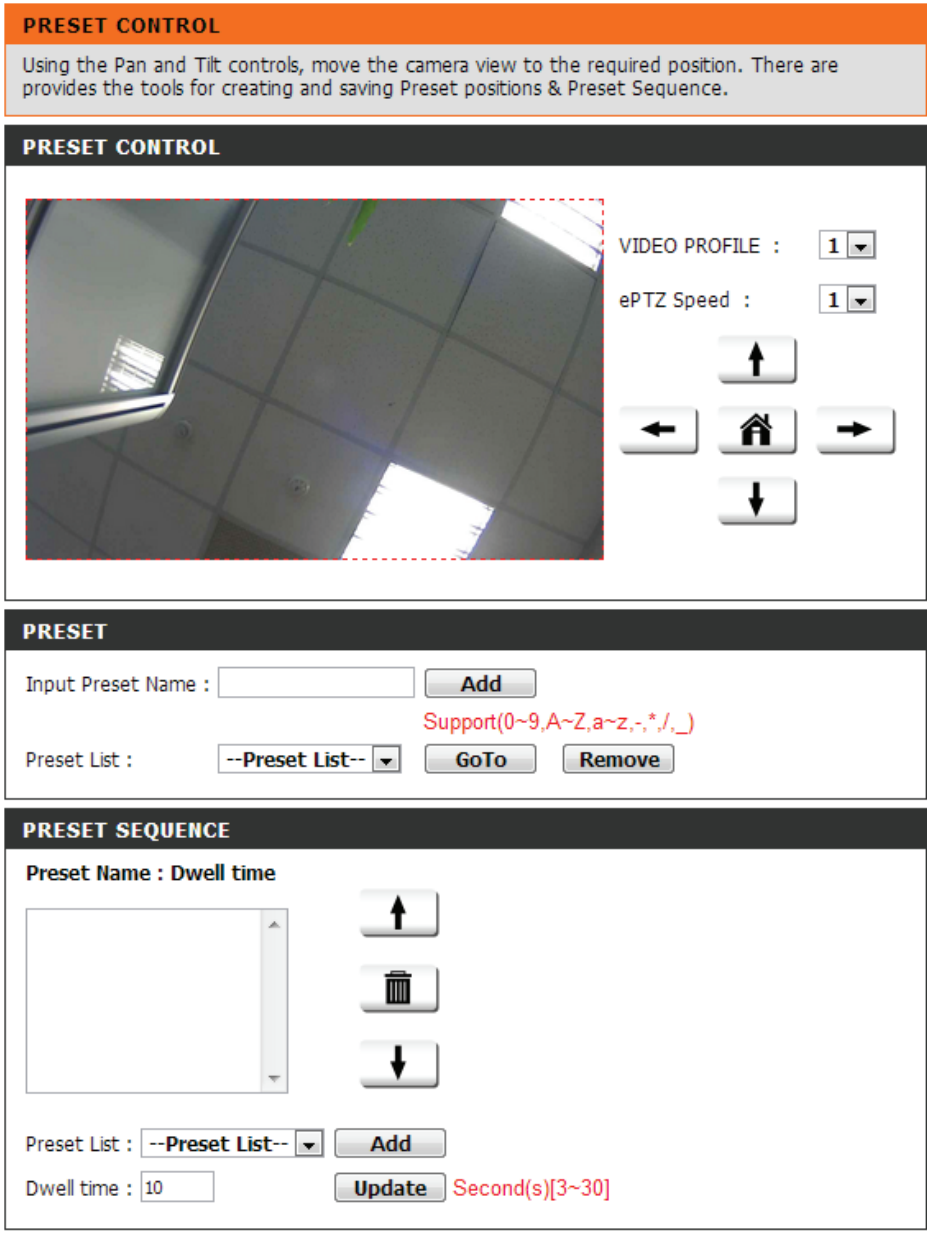
Preset Sequence: This section allows you to create a preset sequence, which automatically moves the camera's view between a set of preset views.

Preset List: To add a preset to the sequence, select it from the drop-down box at the bottom of this window, set the **Dwell time** to determine how long the camera view will stay at that preset, then click the **Add** button. The preset name will appear in the list, followed by the dwell time to view that preset for.

You can rearrange your presets in the sequence by selecting a preset in the sequence, then clicking the arrow buttons to move it higher or lower in the current sequence.

Clicking the trash can button will remove the currently selected preset from the sequence.

If you want to change the dwell time for a preset, select it from the list, enter a new dwell time, then click the **Update** button.



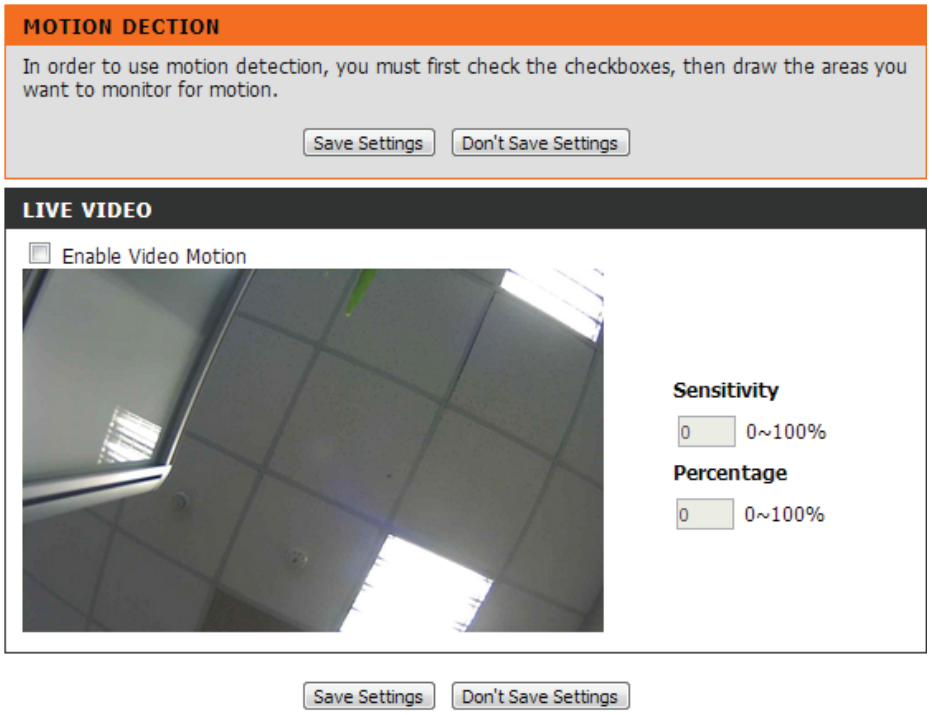
Motion Detection

Enabling Video Motion will allow your camera to use the motion detection feature. You may draw a finite motion area that will be used for monitoring. After making any changes, click the **Save Settings** button to save your changes.

Enable Video Motion: Select this box to enable the motion detection feature of your camera.

Sensitivity: Specifies the measurable difference between two sequential images that would indicate motion. Please enter a value between 0 and 100.

Percentage: Specifies the amount of motion in the window being monitored that is required to initiate an alert. If this is set to 100%, motion is detected within the whole window will trigger a snapshot.



Sound Detection

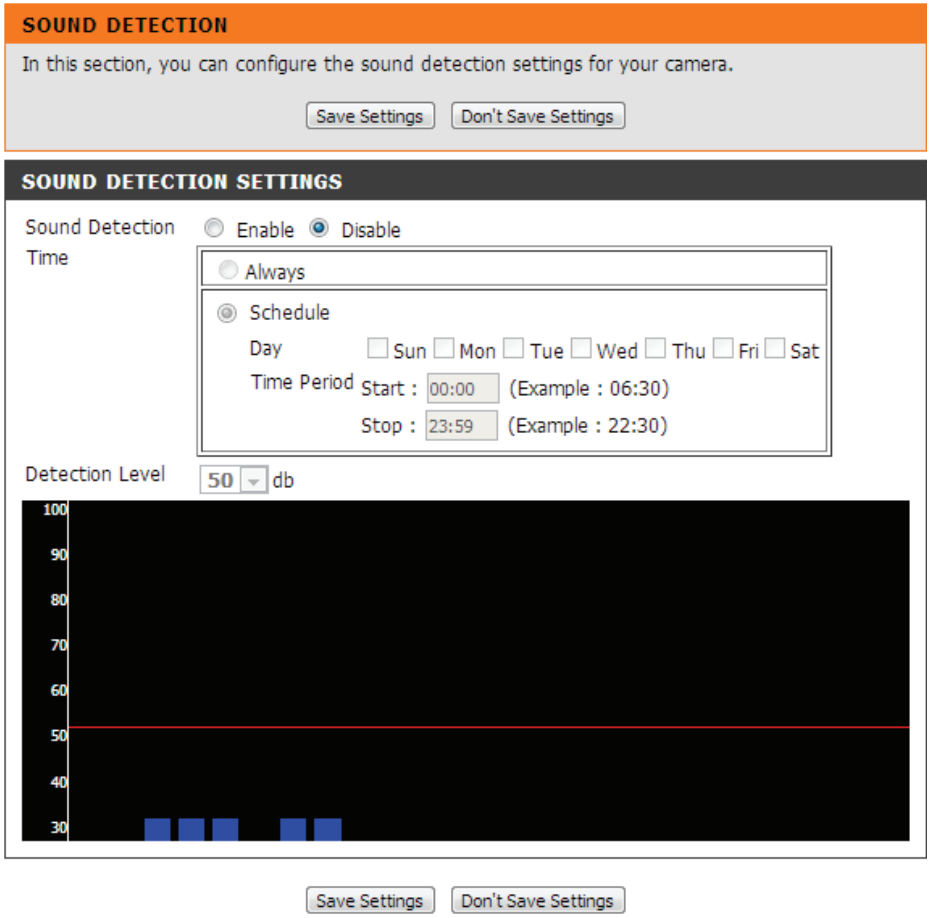
Enabling Sound Detection will allow your camera to use the built-in microphone to trigger events with audio. If this option is selected, the trigger by option under SD recording, Video Clip, or Snapshot should also be selected.

Enable Sound Detection: Select this box to enable the sound detection feature of your camera.

Time: Specify the day and hours you would like sound detection monitoring to be active. You may also choose to always record whenever sound is detected.

Detection Level: Specify the volume level that a sound must exceed in order to trigger the sound detection feature. The higher the number the more sensitive the camera will be to sound.

Click **Save Settings** to save your changes.



Time and Date

This section allows you to automatically or manually configure, update, and maintain the internal system clock for your camera. After making any changes, click the **Save Settings** button to save your changes.

Time Zone: Select your time zone from the drop-down menu.

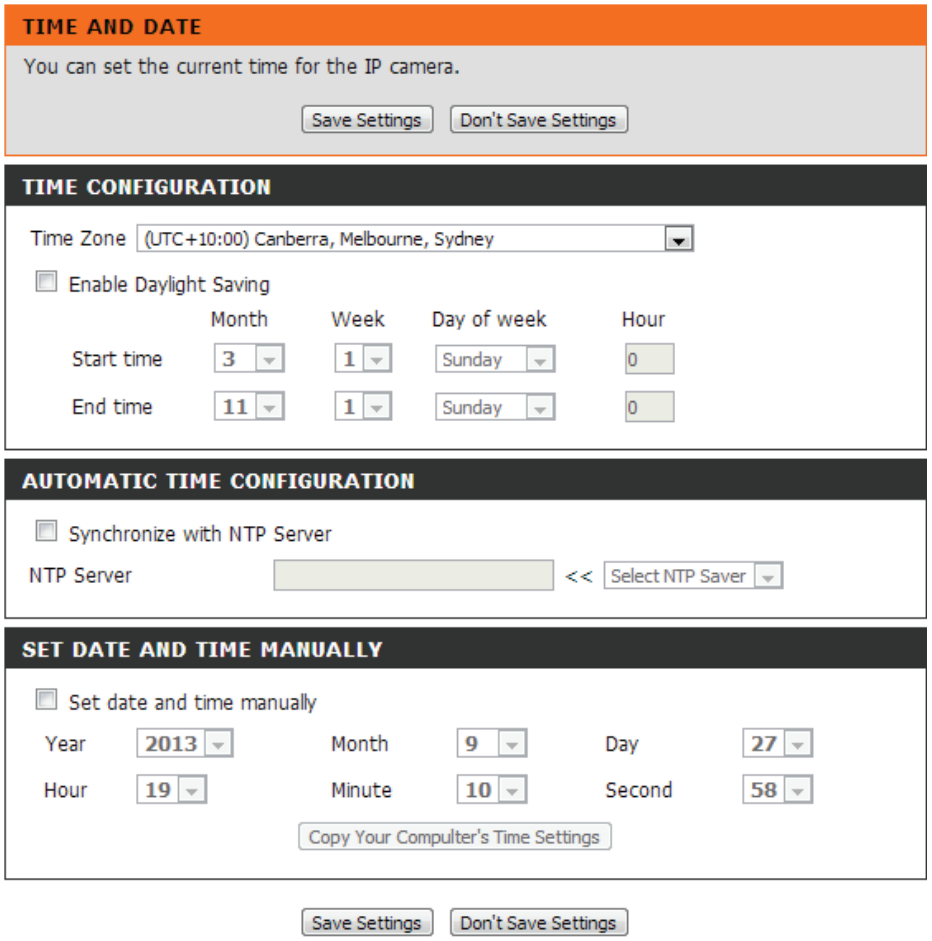
Enable Daylight Saving: Select this to enable Daylight Saving Time.

Synchronize Enable this feature to obtain time automatically from an NTP server.

NTP Server: Network Time Protocol (NTP) synchronizes the DCS-6004L/ with an Internet time server. Choose the one that is closest to your location.

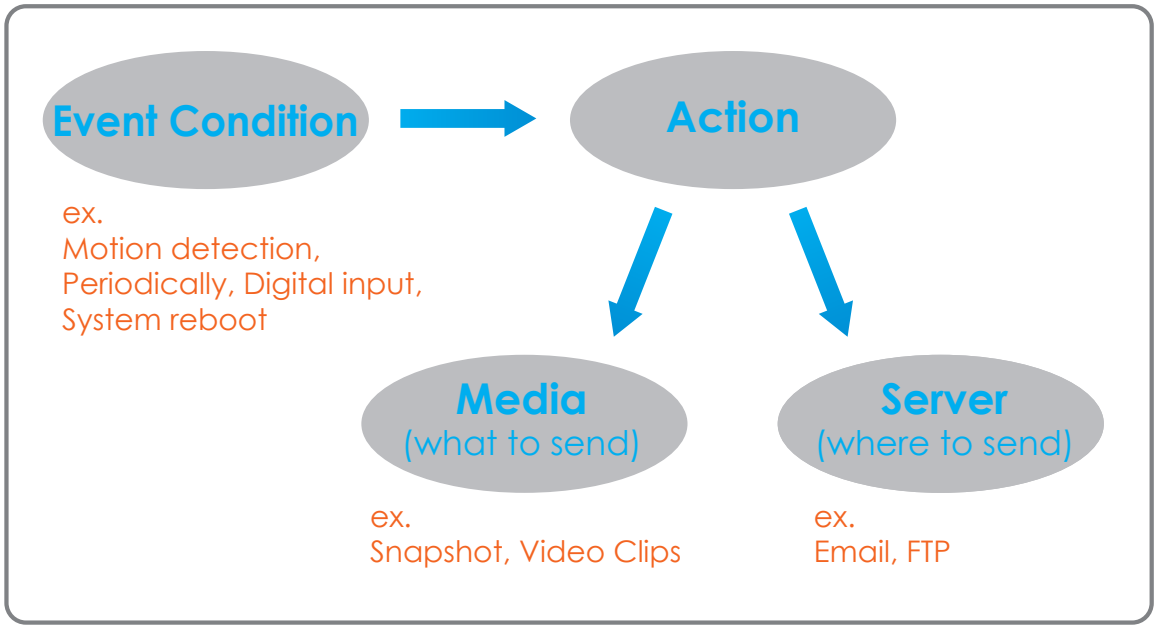
This option allows you to set the time and date manually.

This will synchronize the time information from your PC.



Event Setup

In a typical application, when motion is detected, the DCS-6004L/ sends images to a FTP server or via e-mail as notifications. As shown in the illustration below, an event can be triggered by many sources, such as motion detection or external digital input devices. When an event is triggered, a specified action will be performed. You can configure the Network Camera to send snapshots or videos to your e-mail address or FTP site.



To start plotting an event, it is suggested to configure server and media columns first so that the Network Camera will know what action shall be performed when a trigger is activated.

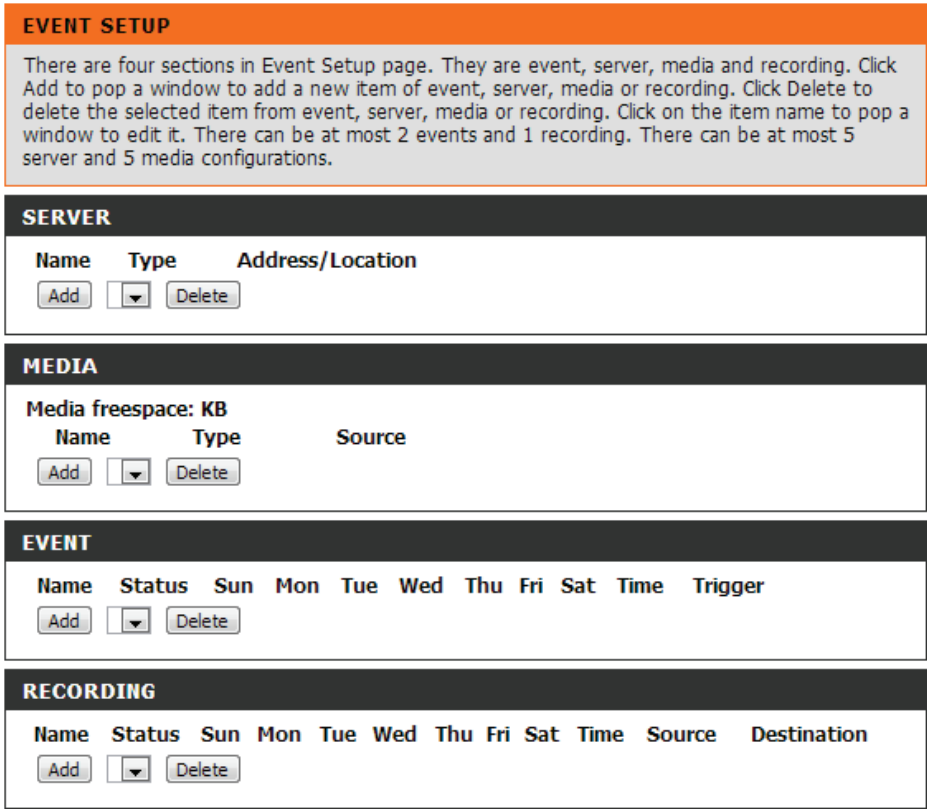
The Event Setup page includes 4 different sections.

- Server
- Media
- Event
- Recording

1. To add a new item - "event, server or media," click **Add**. A screen will appear and allow you to update the fields accordingly.

2. To delete the selected item from the pull-down menu of event, server or media, click **Delete**.

3. Click on the item name in the drop-down menu for modifying.


EVENT SETUP
There are four sections in Event Setup page. They are event, server, media and recording. Click Add to pop a window to add a new item of event, server, media or recording. Click Delete to delete the selected item from event, server, media or recording. Click on the item name to pop a window to edit it. There can be at most 2 events and 1 recording. There can be at most 5 server and 5 media configurations.
SERVER
Name Type Address/Location
Add Delete
MEDIA
Media freespace: KB
Name Type Source
Add Delete
EVENT
Name Status Sun Mon Tue Wed Thu Fri Sat Time Trigger
Add Delete
RECORDING
Name Status Sun Mon Tue Wed Thu Fri Sat Time Source Destination
Add Delete

Add Server

You can configure up to 5 servers to save snapshots and/or video to. After making any changes, click the **Save Settings** button to save your changes.

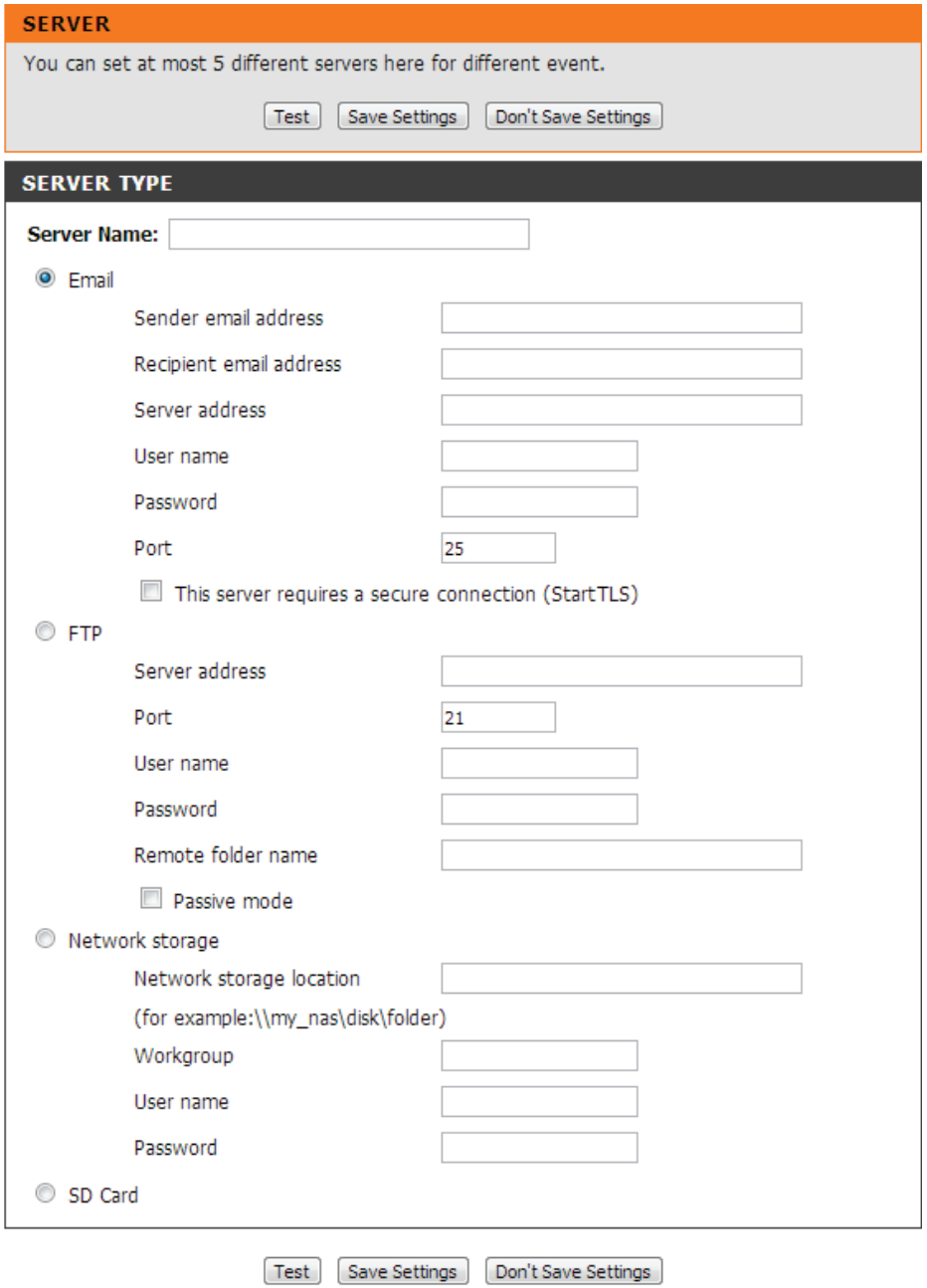
Server Name: Enter the unique name of your server.

E-mail: Enter the configuration for the target e-mail server account.

FTP: Enter the configuration for the target FTP server account.

Network Storage: Specify a network storage device. Only one network storage device is supported.

SD Card: Use the camera's onboard SD card storage.



Add Media

There are three types of media, **Snapshot**, **Video Clip**, and **System Log**. After making any changes, click the **Save Settings** button to save your changes.

Media Name: Enter a unique name for media type you want to create.

Snapshot: Select this option to set the media type to snapshots.

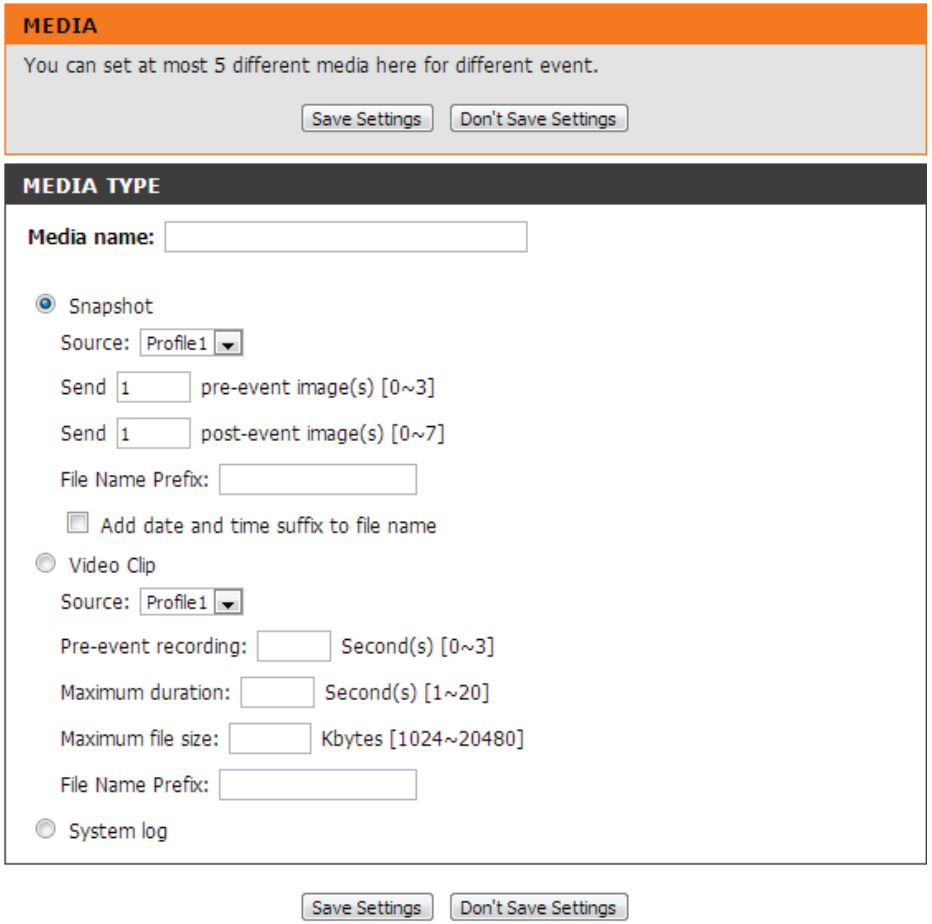
Source: Set the video profile to use as the media source. Refer to **Audio and Video** on "Audio and Video" on page 31 for more information on video profiles.

Send pre-event image(s) [0~3]: Set the number of pre-event images to take. Pre-event images are images taken before the main event snapshot is taken.

Send post-event image(s) [0~7]: Set the number of post-event images to take. Post-event images are images taken after the main event snapshot is taken. You can set up to 7 post-event images to be taken.

File Name Prefix: The prefix name will be added on the file name.

Add date and time suffix to file name: Check it to add timing information as file name suffix.



Video Clip: Select this option to set the media type to video clips.

Source: Set the video profile to use as the media source. Refer to "Audio and Video" on page 51 for more information on video profiles.

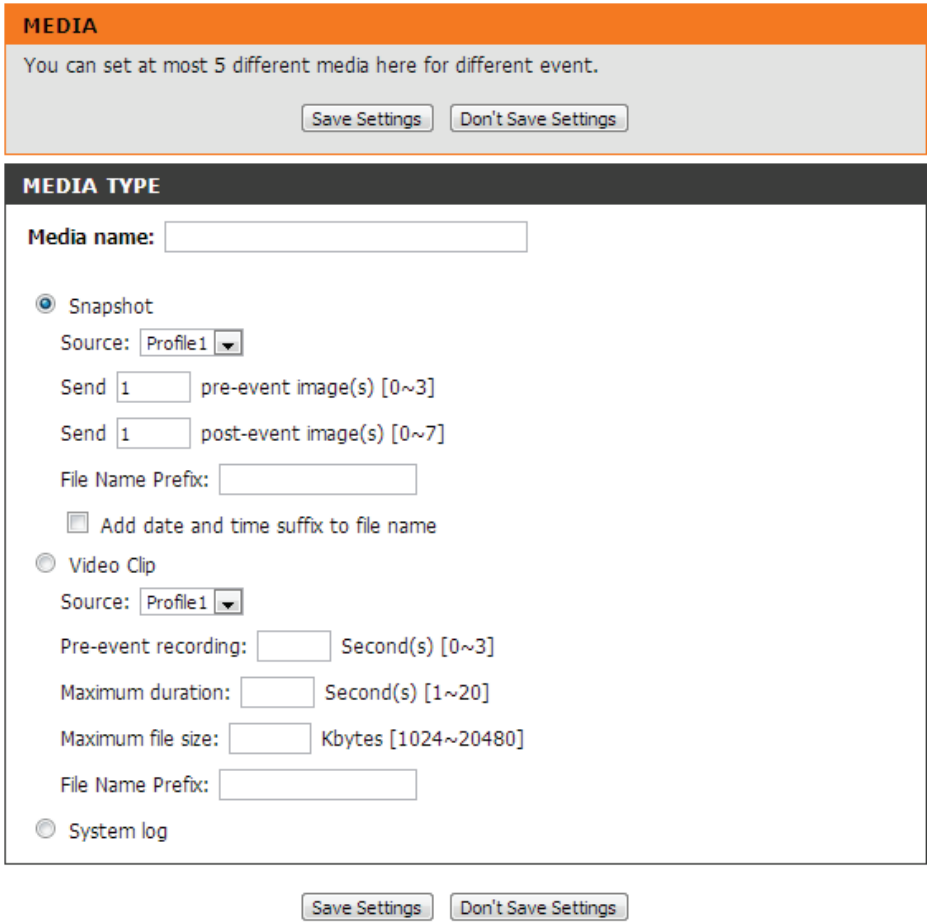
Pre-event recording: This sets how many seconds to record before the main event video clip starts. You can record up to 3 seconds of pre-event video.

Maximum duration: Set the maximum length of video to record for your video clips.

Maximum file size: Set the maximum file size to record for your video clips.

File Name Prefix: This is the prefix that will be added to the filename of saved video clips.

System log: Select this option to set the media type to system logs. This will save the event to the camera system log, but will not record any snapshots or video.



Add Event

Create and schedule up to 2 events with their own settings here. After making any changes, click the **Save Settings** button to save your changes.

Event name: Enter a name for the event.

Enable this event: Select this box to activate this event.

Priority: Set the priority for this event. The event with higher priority will be executed first.

Delay: Select the delay time before checking the next event. It is being used for both events of motion detection and digital input trigger.

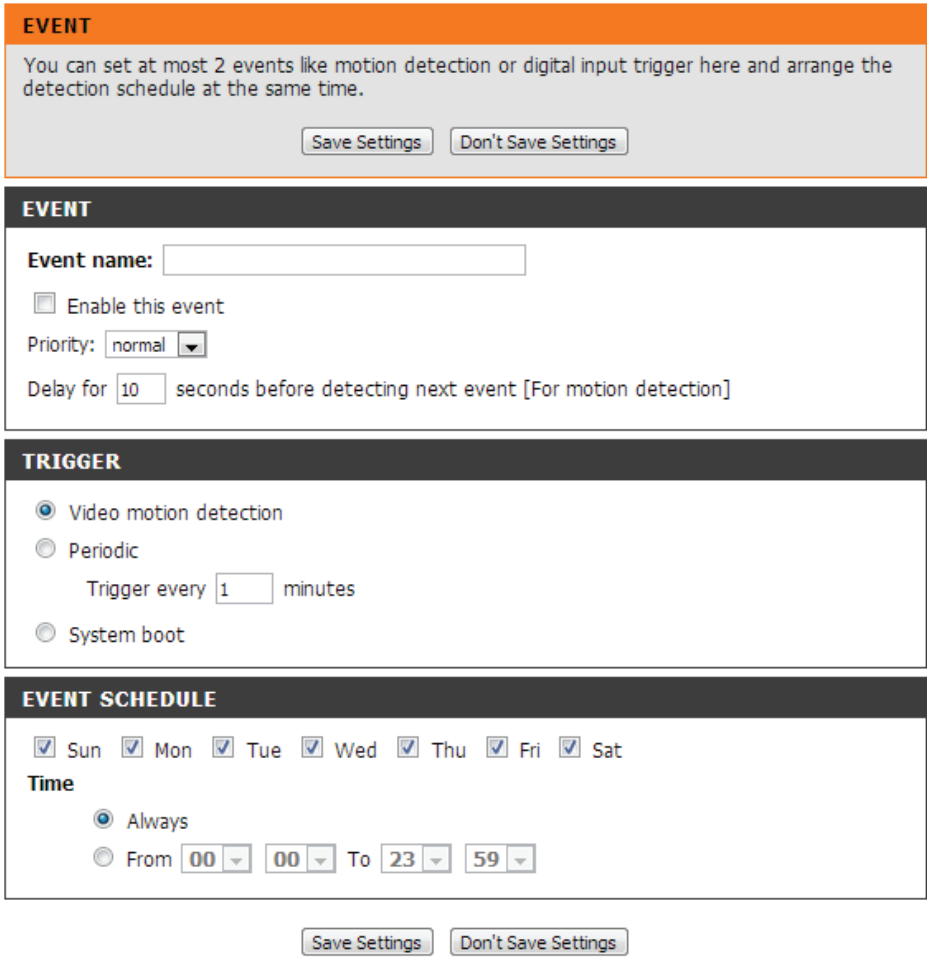
Trigger: Specify the input type that triggers the event.

Video Motion Detection: Motion is detected during live video monitoring. Select the windows that need to be monitored.

Periodic: The event is triggered in specified intervals. The trigger interval unit is in minutes.

System Boot: Triggers an event when the system boots up.

Time: Select **Always** or enter the time interval.



Add Recording

Here you can configure and schedule the recording settings. After making any changes, click the **Save Settings** button to save your changes.

Recording entry name: The unique name of the entry.

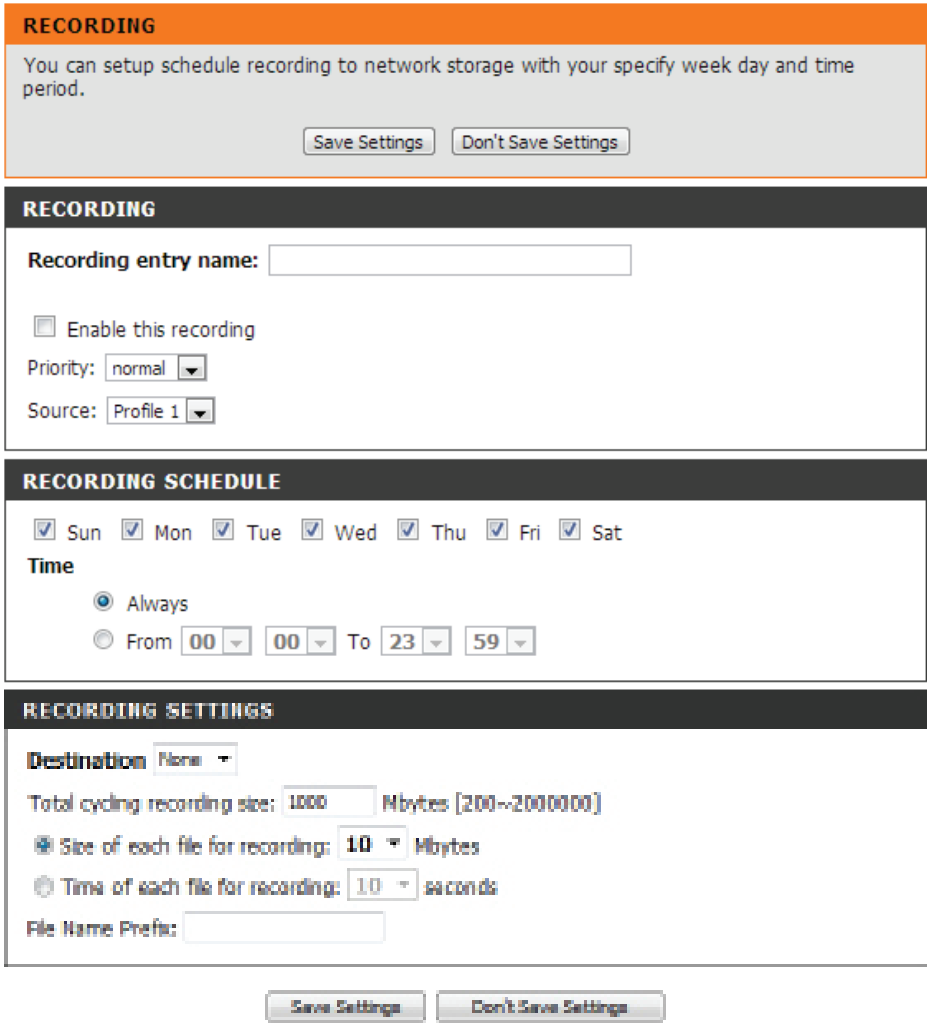
Enable this recording: Select this to enable the recording function.

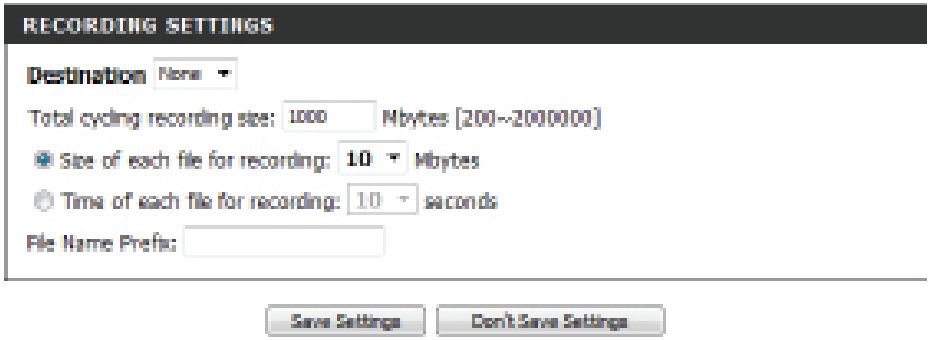
Priority: Set the priority for this entry. The entry with a higher priority value will be executed first.

Source: The source of the stream.

Recording schedule: Scheduling the recording entry.

Destination: Select the folder where the recording file will be stored.




RECORDING SETTINGS
Destination None
Total cycling recording size: 1000 Mbytes [200~2000000]
Size of each file for recording: 10 Mbytes
Time of each file for recording: 10 seconds
File Name Prefix:
Save Settings
Don't Save Settings

Total cycling recording size: Please input a HDD volume between 1MB and 2TB for recording space. The recording data will replace the oldest record when the total recording size exceeds this value. For example, if each recording file is 6MB, and the total cyclical recording size is 600MB, then the camera will record 100 files in the specified location (folder) and will then delete the oldest file and create new file for cyclical recording.

Please note that if there is not enough free HDD space, the recording will stop. Before you set up this option please make sure your HDD has enough space, and also do not save other files in the same folder as recording files.

Size of each file for recording: If this is selected, files will be separated based on the file size you specify.

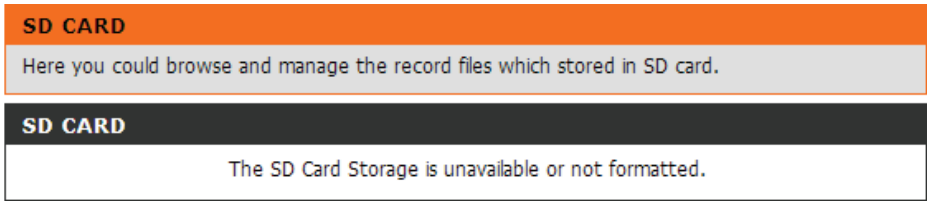
Time of each file for recording: If this is selected, files will be separated based on the maximum length you specify.

File Name Prefix: The prefix name will be added on the file name of the recording file(s).

SD Card

Here you may browse and manage the recorded files which are stored on the SD card.

If your SD card is not available or not formatted correctly, you camera will display the screen to the right. If you insert a new SD card, you may need to reboot the camera in order for it to recognize the newly inserted media.

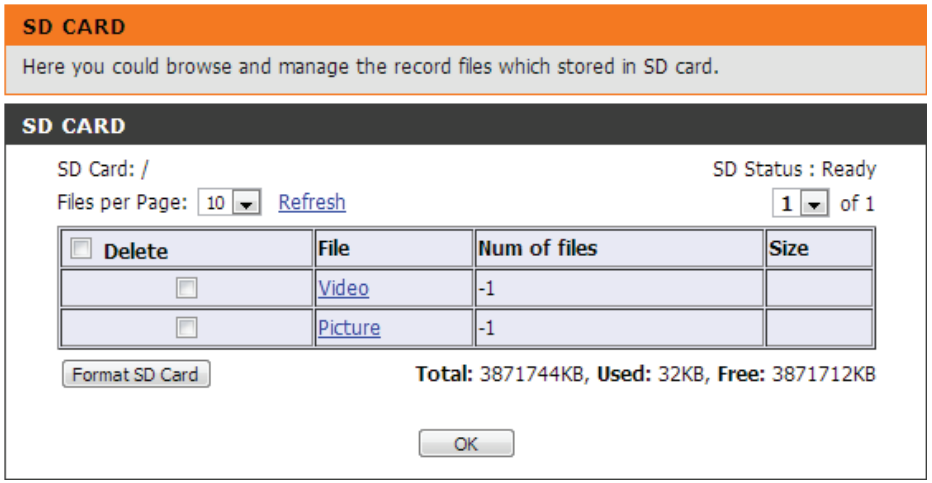

SD CARD
Here you could browse and manage the record files which stored in SD card.
SD CARD
The SD Card Storage is unavailable or not formatted.

Format SD Card: Click this icon to automatically format the SD card and create "picture" & "video" folders.

View Recorded Picture: If the picture files are stored on the SD card, click on the Picture link and choose the picture file you would like to view.

Playback Recorded Video: If video files are stored on the SD card, click on the Video link and choose the video file you would like to view.

Refresh: Reloads the file and folder information from the SD card.



ICR

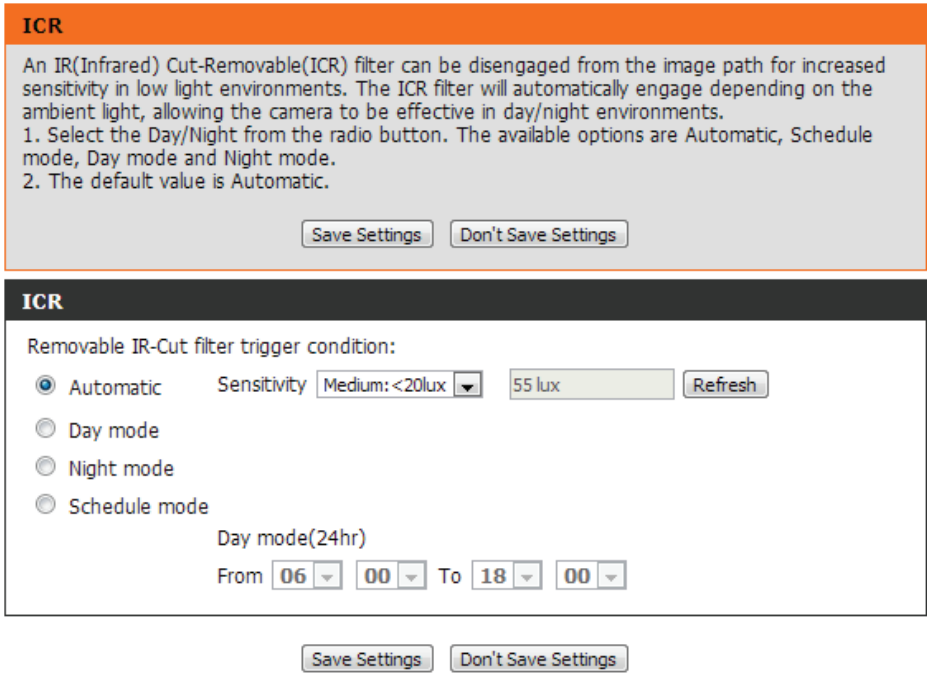
Here you can configure the ICR settings. An IR(Infrared) (Cut-Removable(ICR) filter can be disengaged for increased sensitivity in low-light environments.

Automatic: The Day/Night mode is set automatically. Generally, the camera uses Day mode and switches to Night mode when needed.

Day Mode: Day mode enables the IR Cut Filter.

Night Mode: Night mode disables the IR Cut Filter.

Schedule Mode: Set up the Day/Night mode using a schedule. The camera will enter Day mode at the starting time and return to Night mode at the ending time.


ICR
An IR(Infrared) Cut-Removable(ICR) filter can be disengaged from the image path for increased sensitivity in low light environments. The ICR filter will automatically engage depending on the ambient light, allowing the camera to be effective in day/night environments.
1. Select the Day/Night from the radio button. The available options are Automatic, Schedule mode, Day mode and Night mode.
2. The default value is Automatic.
Save Settings
Don't Save Settings
ICR
Removable IR-Cut filter trigger condition:
Automatic
Sensitivity
Medium: <20lux
55 lux
Refresh
Day mode
Night mode
Schedule mode
Day mode(24hr)
From 06 00 To 18 00
Save Settings
Don't Save Settings

HTTPS

This page allows you to install and activate an HTTPS certificate for secure access to your camera. After making any changes, click the **Save Settings** button to save your changes.

Enable HTTPS Secure Connection: Enable the HTTPS service.

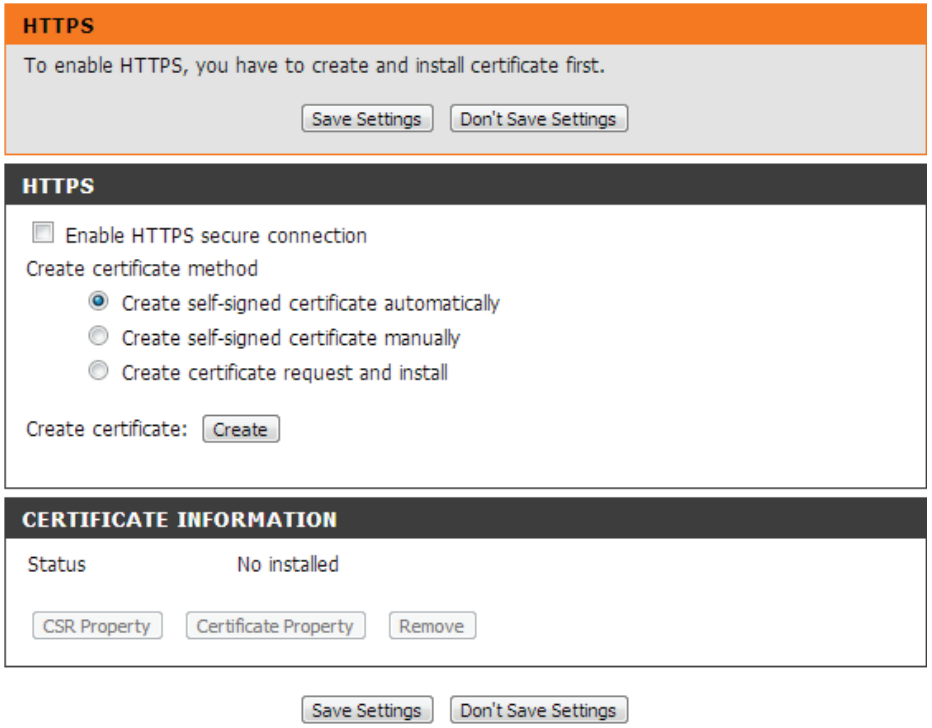
Create Certificate Method: Choose the way the certificate should be created. Three options are available:

- Create a self-signed certificate automatically
- Create a self-signed certificate manually
- Create a certificate request and install

Certificate Information: Displays the status of the certificate. You can click on **CSR Property** or **Certificate Property** to view the HTTPS credentials being used.

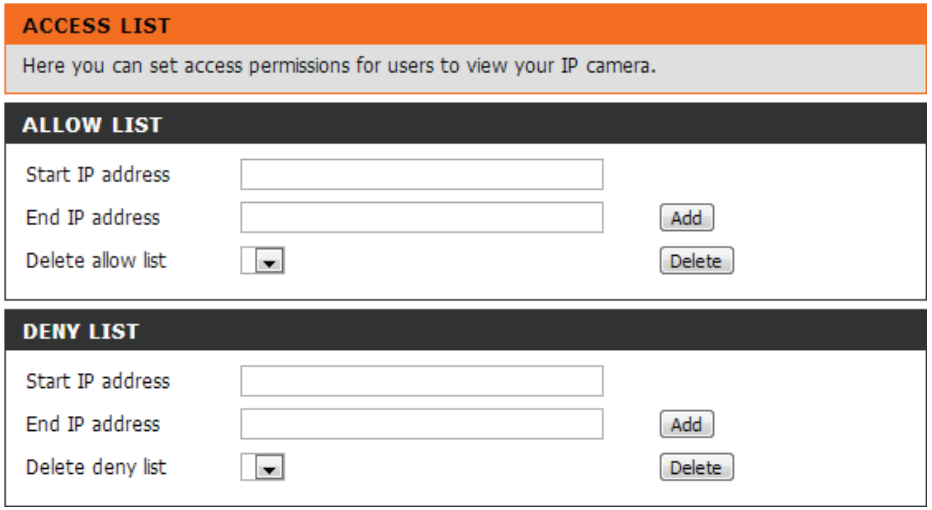
Remove: Click Remove to delete the certificate used.

Note: The certificate cannot be removed while the HTTPS is still enabled. To remove the certificate, you must first uncheck **Enable HTTPS secure connection**.



Access List

Here you can set access permissions for users to view your DCS-6004L.



Allow list: The list of IP addresses that have access rights to the camera.

Start IP address: The starting IP Address of the devices (such as a computer) that have permission to access the video of the camera. Click **Add** to save the changes made.

Note: A total of seven lists can be configured for both columns.

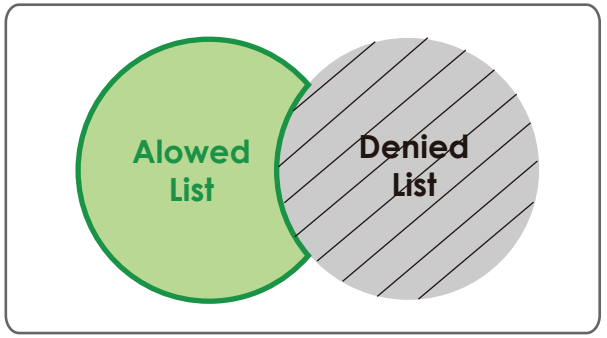
End IP address: The ending IP Address of the devices (such as a computer) that have permission to access the video of the camera.

Delete allow list: Remove the customized setting from the Allow List.

Deny list: The list of IP addresses that have no access rights to the camera.

Delete deny list: Remove the customized setting from the Delete List.

For example:
When the range of the Allowed List is set from 1.1.1.0 to 192.255.255.255 and the range of the Denied List is set from 1.1.1.0 to 170.255.255.255. Only users with IPs located between 171.0.0.0 and 192.255.255.255 can access the Network Camera.



Maintenance
Device Management

You may modify the name and administrator's password of your camera, as well as add and manage the user accounts for accessing the camera. You may also use this section to create a unique name and configure the OSD settings for your camera.

Admin Password Setting: Set a new password for the administrator's account.

Add User Account: Add new user account.

User Name: The user name for the new account.

Password: The password for the new account.

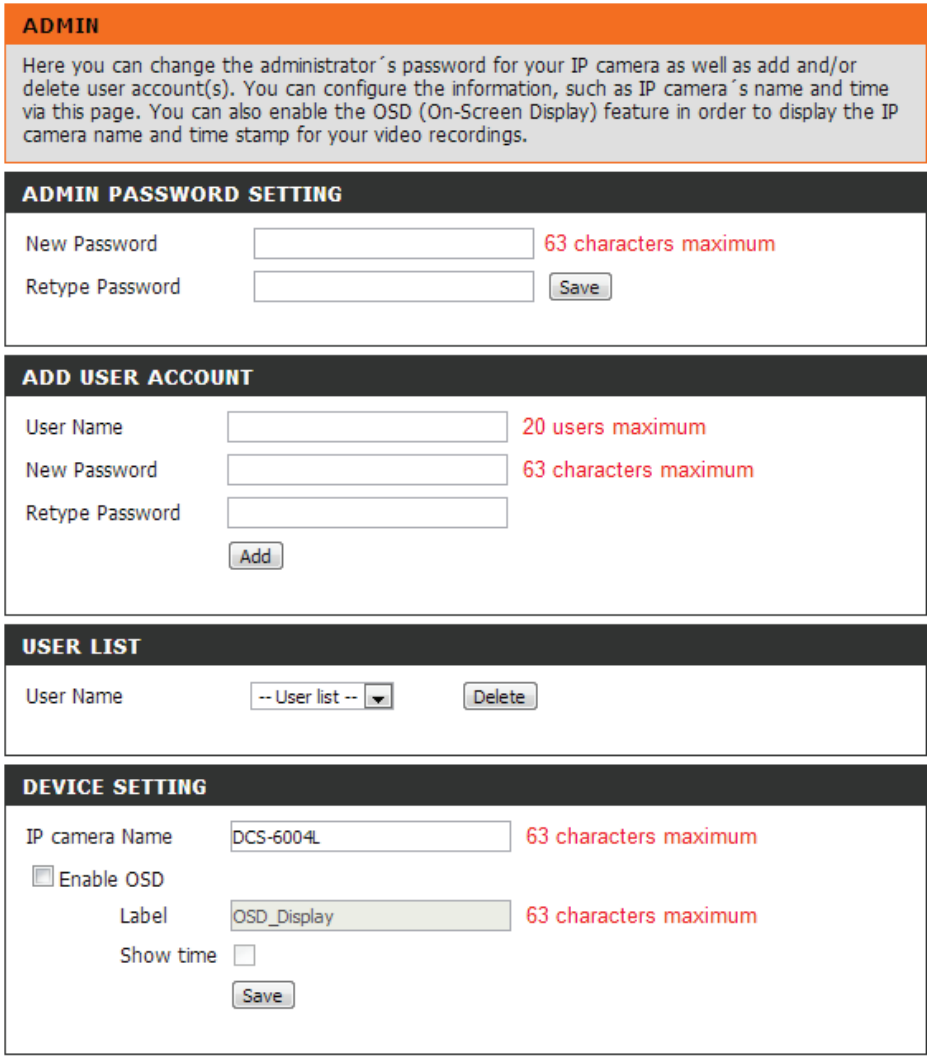
User List: All the existing user accounts will be displayed here. You may delete accounts included in the list, but you may want to reserve at least one as a guest account.

IP Camera Name: Create a unique name for your camera that will be added to the file name prefix when creating a snapshot or a video clip.

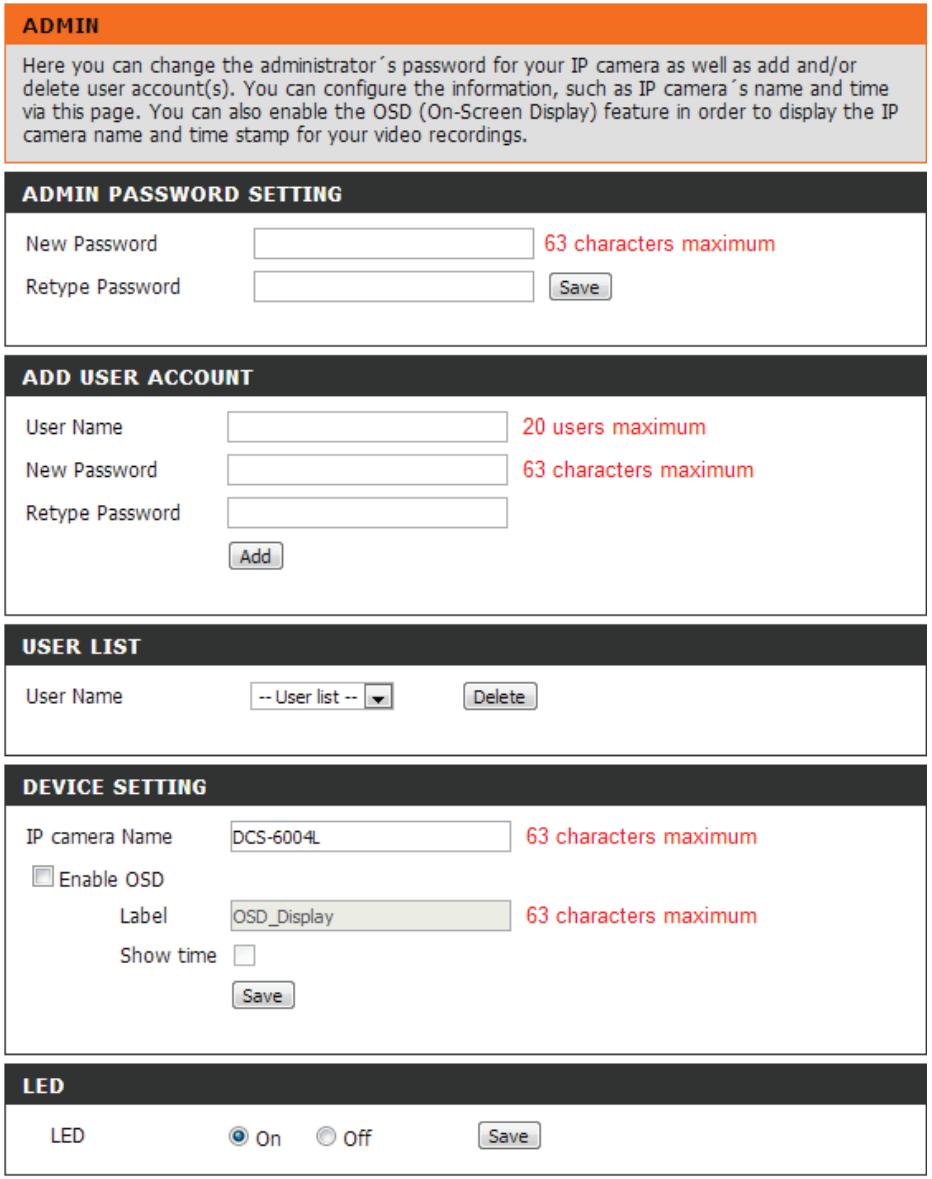
Enable OSD: Select this option to enable the On-Screen Display feature for your camera.

Label: Enter a label for the camera, which will be shown on the OSD when it is enabled.

Show Time: Select this option to enable the time-stamp display on the video screen.


ADMIN
Here you can change the administrator´s password for your IP camera as well as add and/or delete user account(s). You can configure the information, such as IP camera´s name and time via this page. You can also enable the OSD (On-Screen Display) feature in order to display the IP camera name and time stamp for your video recordings.
ADMIN PASSWORD SETTING
New Password
63 characters maximum
Retype Password
Save
ADD USER ACCOUNT
User Name
20 users maximum
New Password
63 characters maximum
Retype Password
Add
USER LIST
User Name
-- User list --
Delete
DEVICE SETTING
IP camera Name
DCS-6004L
63 characters maximum
Enable OSD
Label
OSD_Display
63 characters maximum
Show time
Save

LED: You may specify whether or not to illuminate the status LED on the camera.



System

In this section, you may backup, restore and reset the camera configuration, or reboot the camera.

Save To Local Hard Drive: Click on the **Save Configuration** button to save the current configuration to your hard drive.

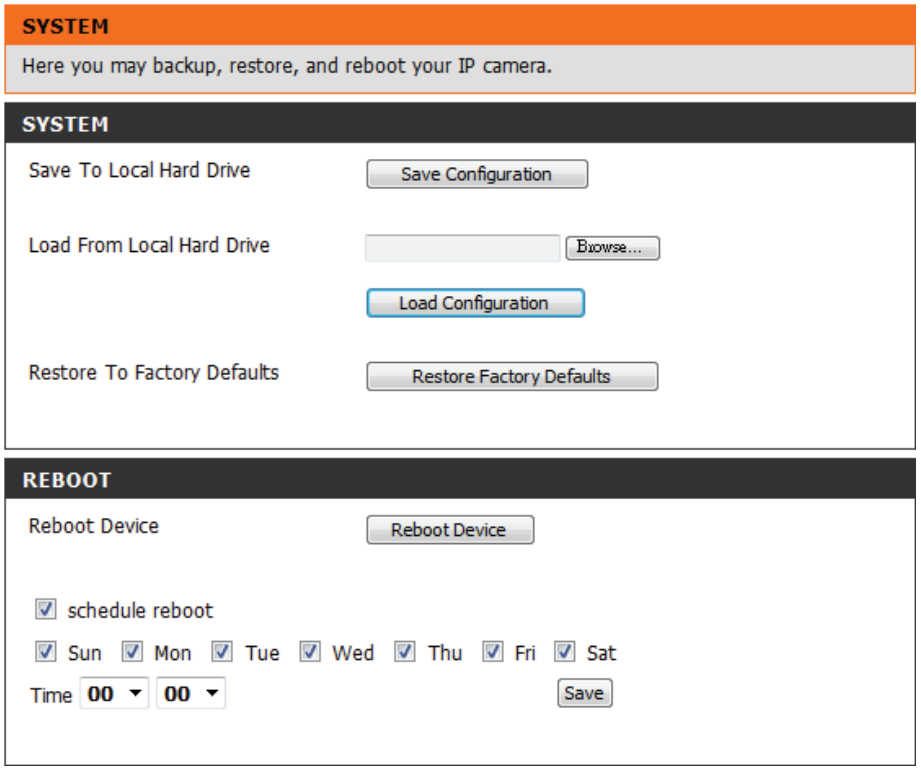
Local From Local Hard Drive: To load a saved configuration, click on the **Browse** button to select a configuration file from your hard drive. Then, click the **Load Configuration** button to load the new configuration.

Restore to Factory Default: Click this button to reset all settings to their factory defaults. If you select to reset your settings, you will need to set up your camera again.

Reboot Device: Clicking the **Reboot** button will reboot your device.

Schedule Reboot: Select this option to schedule a time for the device to reboot.

After making any changes, click the **Save** button to save your changes.



Firmware Upgrade

The camera's current firmware version will be displayed on this screen. You may visit the D-Link Support Website to check for the latest available firmware version.

To upgrade the firmware on your DCS-6004L/, please download and save the latest firmware version from the D-Link Support Page to your local hard drive. Locate the file on your local hard drive by clicking the **Choose File** button. Select the file and click the **Upload** button to start upgrading the firmware.

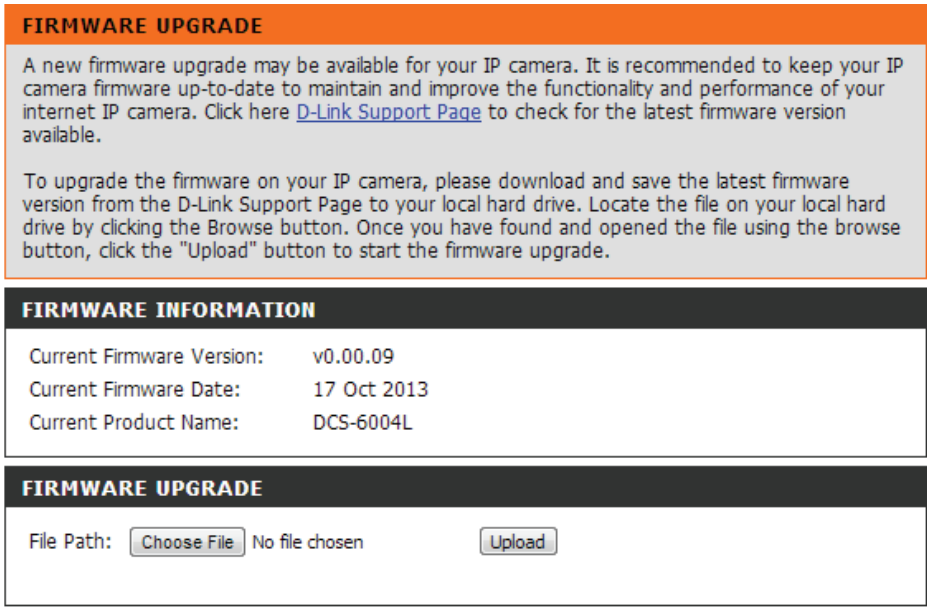
Current Firmware Version: Displays the detected firmware version.

Current Product Name: Displays the date the firmware was released.

Current Product Date: Displays the camera model name.

Choose File: Locate the file (upgraded firmware) on your hard drive.

Upload: Uploads the new firmware to your camera.


FIRMWARE UPGRADE
A new firmware upgrade may be available for your IP camera. It is recommended to keep your IP camera firmware up-to-date to maintain and improve the functionality and performance of your internet IP camera. Click here D-Link Support Page to check for the latest firmware version available.
To upgrade the firmware on your IP camera, please download and save the latest firmware version from the D-Link Support Page to your local hard drive. Locate the file on your local hard drive by clicking the Browse button. Once you have found and opened the file using the browse button, click the "Upload" button to start the firmware upgrade.
FIRMWARE INFORMATION
Current Firmware Version: v0.00.09
Current Firmware Date: 17 Oct 2013
Current Product Name: DCS-6004L
FIRMWARE UPGRADE
File Path: Choose File No file chosen
Upload

Status

Device Info

This page displays detailed information about your device and its network connection.

DEVICE INFO

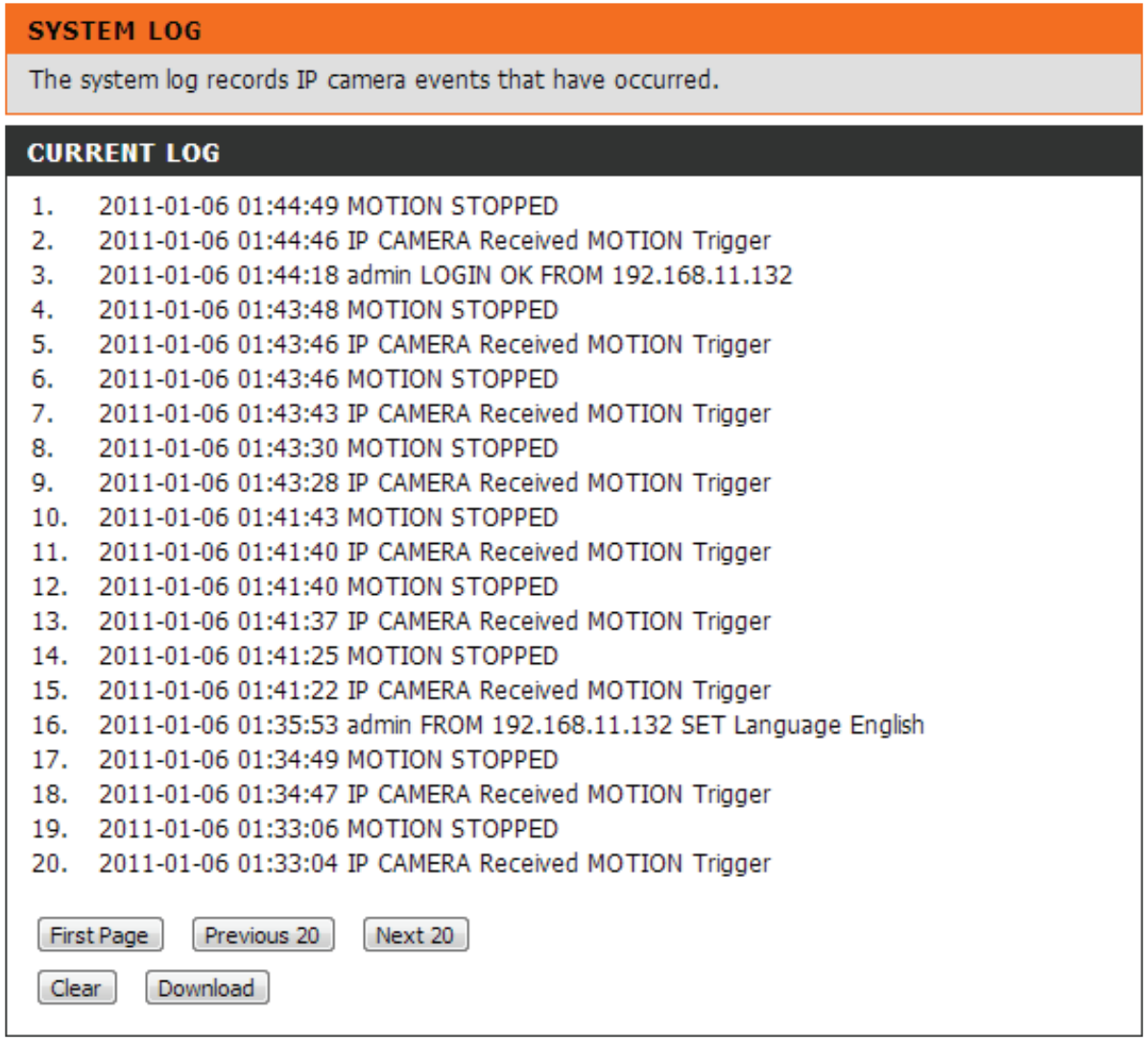
All of your network connection details are displayed on this page. The firmware version is also displayed here.

INFORMATION

IP camera Name	DCS-6004L
Time & Date	Fri Sep 27 19:12:13 2013
Firmware Version	v0.00.09
MAC Address	00:0F:0D:00:2E:F6
IP Address	192.168.1.77
IP Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
Primary DNS	168.95.1.1
Secondary DNS	168.95.192.1
PPPoE	Disable
DDNS	Disable
Agent Version	2.0.15-b6

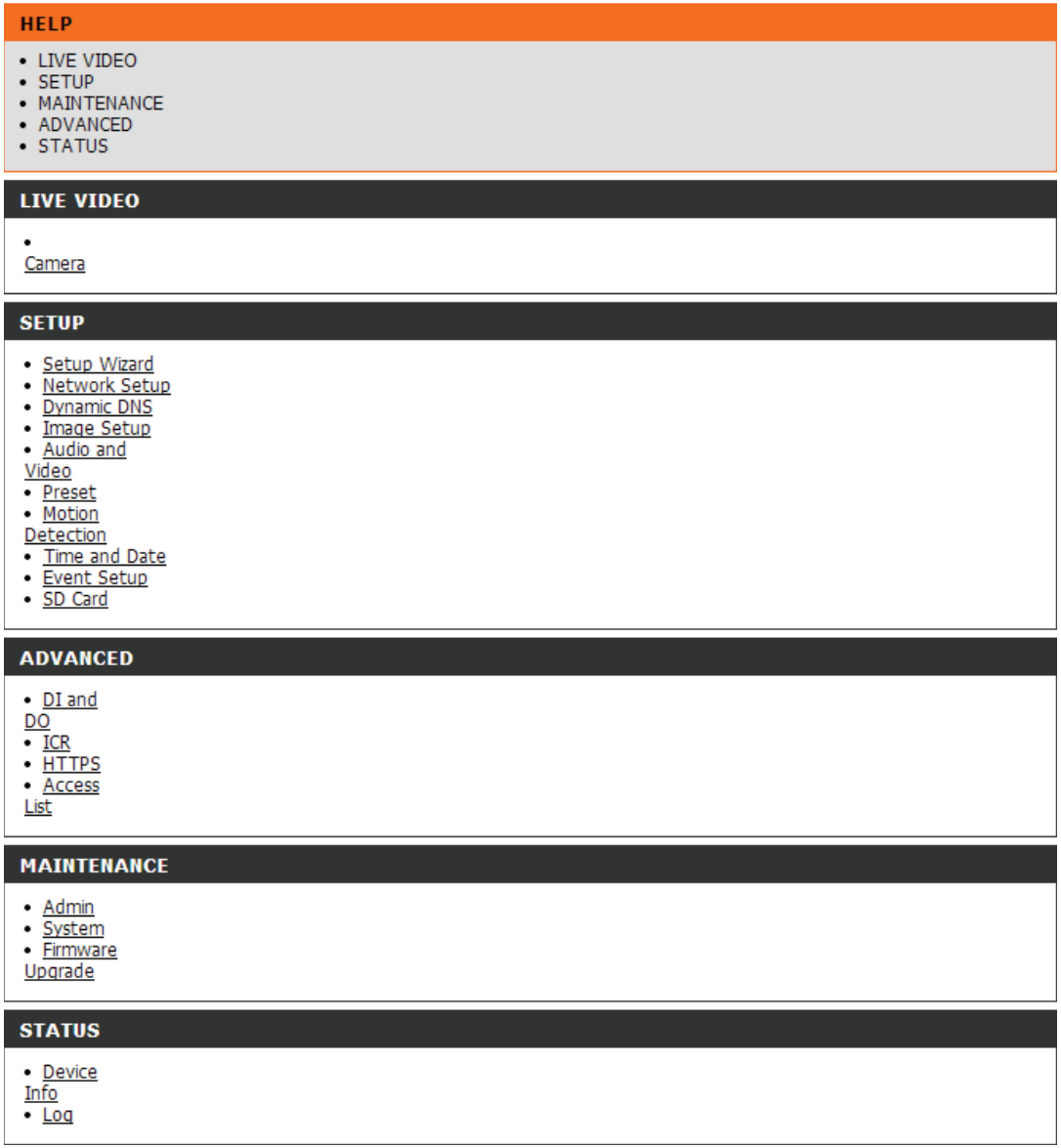
Logs

This page displays the log information of your camera. You may download the information by clicking **Download**. You may also click **Clear** to delete the saved log information.


SYSTEM LOG
The system log records IP camera events that have occurred.
CURRENT LOG
1. 2011-01-06 01:44:49 MOTION STOPPED
2. 2011-01-06 01:44:46 IP CAMERA Received MOTION Trigger
3. 2011-01-06 01:44:18 admin LOGIN OK FROM 192.168.11.132
4. 2011-01-06 01:43:48 MOTION STOPPED
5. 2011-01-06 01:43:46 IP CAMERA Received MOTION Trigger
6. 2011-01-06 01:43:46 MOTION STOPPED
7. 2011-01-06 01:43:43 IP CAMERA Received MOTION Trigger
8. 2011-01-06 01:43:30 MOTION STOPPED
9. 2011-01-06 01:43:28 IP CAMERA Received MOTION Trigger
10. 2011-01-06 01:41:43 MOTION STOPPED
11. 2011-01-06 01:41:40 IP CAMERA Received MOTION Trigger
12. 2011-01-06 01:41:40 MOTION STOPPED
13. 2011-01-06 01:41:37 IP CAMERA Received MOTION Trigger
14. 2011-01-06 01:41:25 MOTION STOPPED
15. 2011-01-06 01:41:22 IP CAMERA Received MOTION Trigger
16. 2011-01-06 01:35:53 admin FROM 192.168.11.132 SET Language English
17. 2011-01-06 01:34:49 MOTION STOPPED
18. 2011-01-06 01:34:47 IP CAMERA Received MOTION Trigger
19. 2011-01-06 01:33:06 MOTION STOPPED
20. 2011-01-06 01:33:04 IP CAMERA Received MOTION Trigger
First Page
Previous 20
Next 20
Clear
Download

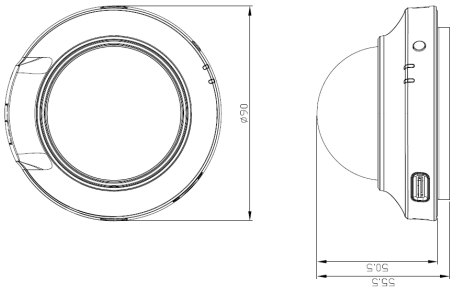
Help

This page provides helpful information regarding camera operation.



Technical Specifications

Camera	Camera Hardware Profile	▪ 1/4" 1 megapixel progressive CMOS sensor ▪ Minimum illumination: 0 lux (with IR LED on) ▪ Built-in microphone and audio out ▪ 10x digital zoom ▪ Fixed length: 2.8 mm ▪ Aperture: F1.8	▪ Angle of view: ▪ (H) 75.2° ▪ (V) 48.2° ▪ (D) 89.3°
	Image Features	▪ Configurable image size, quality, frame rate, and bit rate ▪ Time stamp and text overlays ▪ Configurable privacy masks zone	▪ Configurable brightness, saturation, contrast, and sharpness ▪ Configurable motion detection windows
	Video Compression	▪ Simultaneous H.264/MPEG-4/MJPEG format compression ▪ H.264/MPEG-4 multicast streaming	▪ JPEG for still images
	Video Resolution	▪ 16:9 -1280x800, 1280x720, 800x450,640x360, 480x270, 320x176 up to 30 fps recording[1]	▪ 4:3 -1024x768, 800x600, 640x480, 480x360, 320x240 up to 30 fps recording[1]
	Audio Support	▪ G.711: 64kbps	▪ AAC: 64kbps
	External Device Interface	▪ 10/100 BASE-TX Fast Ethernet port ▪	▪ MicroSD/SDHC card slot[2]
Network	Network Protocols	▪ IPv6 ▪ IPv4 ▪ TCP/IP ▪ UDP ▪ ICMP ▪ DHCP client ▪ NTP client (D-Link) ▪ DNS client ▪ DDNS client (D-Link) ▪ SMTP client ▪ FTP client	▪ HTTP / HTTPS ▪ Samba client ▪ PPPoE ▪ UPnP port forwarding ▪ RTP / RTSP/ RTCP ▪ IP filtering ▪ QoS ▪ CoS ▪ Multicast ▪ IGMP ▪ ONVIF compliant
	Security	▪ Administrator and user group protection ▪ Password authentication	▪ HTTP and RTSP authentication

System Management	System Requirements for Web Interface	▪ Browser: Internet Explorer, Firefox, Chrome	
	Event Management	▪ Motion/Sound detection ▪ Event notification and uploading of snapshots/video clips via e-mail or FTP	▪ Supports multiple SMTP and FTP servers ▪ Multiple event notifications ▪ Multiple recording methods for easy backup
	Remote Management	▪ Take snapshots/video clips and save to local hard drive via web browser	▪ Configuration interface accessible via web browser
	Mobile Support	▪ mydlink Lite/mydlink+ mobile app for iPhone, iPad, and Android mobile devices	
	D-ViewCam™ System Requirements	▪ Operating System: Microsoft Windows 8/7/Vista/XP ▪ Web Browser: Internet Explorer 7 or higher	▪ Protocol: Standard TCP/IP
	D-ViewCam™ Software Functions	▪ Remote management/control of up to 32 cameras ▪ Viewing of up to 32 cameras on one screen	▪ Supports all management functions in web interface ▪ Scheduled motion triggered, or manual recording options
General	Weight	▪ DCS-6004L: 130g (Without Stand)	
	External Power Adaptor	▪ Input: 100 to 240 V AC, 50/60 Hz	▪ Output: 5 V DC, 1.2 A
	Power Consumption	▪ DCS-6004L: 3.5 watts max.	▪ : 2.8 watts max.
	Temperature	▪ Operating: 0 to 40 °C (32 to 104 °F)	▪ Storage: -20 to 70 °C (-4 to 158 °F)
	Humidity	▪ Operating: 20% to 80% non-condensing	▪ Storage: 5% to 95% non-condensing
	Certifications	▪ CE ▪ CE LVD	▪ FCC Class B ▪ C-Tick
Dimensions			

Order Information	*Part Number*	*Description*
	DCS-6004L	HD PoE Mini Dome Network Camera
Optional Accessories		Black Exterior Casing

[1] Frame rates when streaming video may vary depending on network conditions and method used.
[2] A SDHC Class 6 card or above is recommended. Supports card capacities up to 32GB.